Clinical Chemistry

International Journal of Laboratory Medicine and Molecular Diagnostics

Volume 43, 1997
AUTHOR INDEX

NOTE: Authors of 1997 Annual Meeting abstracts are indexed in the June Annual Meeting Supplement, pp. 000–000

A

Abdelrahman, A. *See* Diamandis, Nadkarni, Bhaumik, Abdelrahman, Melegos, Borchert, Black, Alonso, Salas, De Los Toyos, Sampedro, and López-Otín

Abernathy, E.C. *See* Rezuke, Abernathy, and Tsongalis

Acampora, M. *See* Wu, Feng, Nadelman, Acampora, and Fiedler

Achord, D. *See* Green, Carey, Westgard, Carten, Shablesky, Achord, Page, and Le

Ackattupathil, T. *See* Gambino, Desvarieux, Orth, Matan, Ackattupathil, Lijoi, Wimmer, Bower, and Gunter

Ackland, M.R. *See* Plotkin, McAleer, Cordeiro, Ackland, Sheehan, and Braithwaite

Adatia, I. *See* Makela, Yazdanpanah, Adatia, and Ellis

Aggelaki, D. *See* Haliassos, Melita-Manolis, Aggelaki, Tassi, and Terzoglou

Agnoletti, G. *See* Panteghini, Agnoletti, Pagani, and Spandrio

Aimo, G. *See* Ferrero, Aimo, Pagni, Bergamasco, Bongioanni, Bergamini, and Durelli

Akins, J.R. *See* Bernert, Turner, Pirkle, Sosnoff, Akins, Waldrep, Ann, Covey, Whitfield, Gunter, Miller, Patterson, Needham, Hannon, and Sampson

Akintola, D.F., Sampson, B., Burrin, J., Fleck, A., Price, C., and Hall, G. Changes in Plasma Metallothionein-1, Interleukin-6, and C-Reactive Protein in Patients After Elective Surgery (tech brief), 845

Akitaya, T. *See* ishikawa, Ichikawa, Miura, Momiyama, Keller, Koo, Akitaya, Shimada, and Mitsuhashi

Al Halnak, A. *See* Morineau, Gosling, Patricot, Soliman, Boudou, Al Halnak, Le Brun, Brérault, Julien, Villette, and Fiet

Alamoudi, M. *See* Rashed, Bucknall, Little, Awad, Jacob, Alamoudi, Alwattar, and Ozand

Albano, E. *See* Seccia, Albano, and Bellomo

Albert, A. *See* Boyd and Albert

Albertsson-Wikland, K. *See* Jansson, Boguszewski, Rosberg, Carlsson, and Albertsson-Wikland

Alberty, R. and Albertyová, D. Biological Variation of Free and Total Carnitine in Serum of Healthy Subjects (letter), 2441

Albertyová, D. *See* Alberty and Albertyová

Albrecht, C., Reichen, J., Visser, J., Meijer, D.K.F., and Thormann, W. Differentiation Between Naproxen, Naproxen–Protein Conjugates, and Naproxen–Lysine in Plasma Via Micellar Electrokinetic Capillary Chromatography—A New Approach in the Bioanalysis of Drug Targeting Preparations, 2083

Albright, S. *See* Sampson, Ruddel, Albright, and Elin

Alcazar, R. *See* Urra, de la Torre, Alcazar, and Peces

Alegre, J. *See* Marti, Varela, Segura, Alegre, Suriñach, and Pascual

Alfthan, H. *See* Korhonen, Alfthan, Ylöstalo, Veldhuis, and Stenman

Alfthan, H. *See* Stenman, Unkila-Kallio, Korhonen, and Alfthan

Al-Halnak, A. *See* Morineau, Boudi, Barka, Gourmelen, Degeilh, Hardy, Al-Halnak, Soliman, Gosling, Julien, Brerault, Boudou, Aubert, Villette, Pruna, Galons, and Fiet

Ali, A.C.Y. and Campbell, J.A. Interference of o-Raffinose Cross-Linked Hemoglobin with Routine Hitachi 717 Assays, 1794

Ali, A.C.Y., Mihas, C.C., and Campbell, J.A. Interferences of o-Raffinose Cross-Linked Hemoglobin in Three Methods for Serum Creatinine, 1738

Ali, A.C.Y. *See* Balion, Champagne, and Ali

Alonso, M. *See* Diamandis, Nadkarni, Bhaumik, Abdelrahman, Melegos, Borchert, Black, Alonso, Salas, De Los Toyos, Sampedro, and López-Otín

Altieri, I. *See* Zuccaro, Pichini, Altieri, Rosa, Pellegrini, and Pacifici

Alwattar, M. *See* Rashed, Bucknall, Little, Awad, Jacob, Alamoudi, Alwattar, and Ozand

Alzeer, A.H., El-Hazmi, M.A.F., Warsy, A.S., Ansari, Z.A., and Yrkendi, M.S. Serum Enzymes in Heat Stroke: Prognostic Implication, 1182

Amati, S. *See* Mannello, Sebastiani, Amati, and Gazzanelli

Amit, Y. *See* Zivelin, Rosenberg, Peretz, Amit, Kornbrot, and Seligsohn

Andersen, H.R., Nielsen, J.B., Nielsen, F., and Grandjean, P. Antioxidative Enzyme Activities in Human Erythrocytes, 562

Andersen, H.R. *See* Nielsen, Mikkelsen, Nielsen, Andersen, and Grandjean

Andrade, J.D. *See* Hsiung, Andrade, Costa, and Ash

Andreeva, M., Niedmann, P.D., Schütz, E., Wieland, E., Armstrong, V. W., and Oellerich, M. Determination of MEGX by HPLC with Fluorescence Detection (tech brief), 1081

Angrist, M. Does Phaster Mean Better? (editorial), 424

Angstadt, D.S. *See* Witte, VanNess, Angstadt, and Pennell

Ann, Q. *See* Bernert, Turner, Pirkle, Sosnoff, Akins, Waldrep, Ann, Covey, Whitfield, Gunter, Miller, Patterson, Needham, Hannon, and Sampson

Annesi, G. *See* Muglia, Leone, Annesi, Gabriele, Imbrogno, Grandinetti, Conforti, Naso, and Brancati

Ansari, Z.A. *See* Alzeer, El-Hazmi, Warsy, Ansari, and Yrkendi

Antonini, M.F. *See* Pinzani, Petruzzi, Orlando, Stefanescu, Antonini, Serio, and Pazzagli

Aoyagi, K. *See* Nagase, Ohkoshi, Ueda, Aoyagi, and Koyama

Apple, F.S. *See* Bodor, Survant, Voss, Smith, Porterfield, and Apple

Apple, F.S., Falahati, A., Paulsen, P.R., Miller, E.A., and Sharkey, S.W. Improved Detection of Minor Ischemic Myocardial Injury with Measurement of Serum Cardiac Troponin I, 2047

Apple, F.S. *See* McLaurin, Apple, Voss, Herzog, and Sharkey

Apple, F.S. *See* Ricchiuti, Zhang, and Apple

Apple, F.S. *See* Roberts, Calcote, De, Holmstrom, Narlock, and Apple

Arai, N. *See* Mitsui, Miyamura, Matsunami, Kitagawa, and Arai

Arcelloni, C. *See* Fermo, Arcelloni, Casari, and Paroni

Arcelloni, C. *See* Paroni, Arcelloni, De Vecchi, Fermo, Mauri, and Colombo

Arentsen, J.C. *See* Cobbaert, Arentsen, Mulder, Hoogerbrugge, and Lindemans

Arfman, E.W. *See* Corey, Arfman, Liu, and Vessella

Armbruster, F.P. *See* Karmatschek, Maier, Seibel, Woitge, Ziegler, and Armbruster

Armbruster, F.P. *See* Withold, Armbruster, Karmatschek, and Reinauer

Armstrong, V. W. *See* Andreeva, Niedmann, Schütz, Wieland, Armstrong, and Oellerich

Arndt, T., Hackler, R., Müller, T., Kleine, T.O., and Gressner, A.M. Increased Serum Concentration of Carbohydrate-Deficient Transferrin in Patients with Combined Pancreas and Kidney Transplantation, 344

Arosio, P. *See* Thorpe, Walker, Arosio, Heath, Cook, and Worwood

Artacho, R. *See* Gámez, Ruiz-López, Artacho, Navarro, Puerta, and López

Artuch, R. *See* Vilaseca, Moyano, Ferrer, and Artuch

Asano, S. *See* Morishita, Nakane, Fukatsu, Nakashima, Tsuji, Soya, Yoneda, Asano, and Kawamura

Asanuma, K., Yagihashi, A., and Watanabe, N. Characterization of the Aspartate Aminotransferase–Immunoglobulin M Complex in a Japanese Woman (tech brief), 686

Ash, K.O. *See* Hsiung, Andrade, Costa, and Ash

Ashby, J.P. *See* Henderson, Wenham, Ashby, and Blundell

Ashwood, E.R. Standards of Laboratory Practice: Evaluation of Fetal Lung Maturity, 211

Aspeslet, L.J., LeGatt, D.F., Murphy, G., and Yatscoff, R.W. Effect of Assay Methodology on Pharmacokinetic Differences Between Cyclosporine Neoral® and Sandimmune® Formulations, 104

Assmann, G. *See* Junker, Brandt, Zechel, and Assmann

Assmann, G. *See* Mohr, Cullen, Schmidt, Cignarella, and Assmann

Assmann, G. *See* Nauck, März, Jarausch, Cobbaert, Sägers, Bernard, Delanghe, Honauer, Lehmann, Oestrich, von Eckardstein, Walch, Wieland, and Assmann

Astill, M.E. and Nuttall, K.L. Undisclosed Radioactivity in Specimens: How Much of a Problem? (letter), 1097

Astion, M.L. *See* Witte and Astion

Au, K.-M. *See* Lai, Lee, Au, and Chan

Aubert, P. *See* Morineau, Boudi, Barka, Gourmelen, Degeilh, Hardy, Al-Halnak, Soliman, Gosling, Julien, Brerault, Boudou, Aubert, Villette, Pruna, Galons, and Fiet

Aubin, P., Le Brun, G., Moldovan, F., Villette, J.-M., Créminon, C., Dumas, J., Homyrda, L.,

Clinical Chemistry

International Journal of Laboratory Medicine and Molecular Diagnostics

Volume 43, 1997
AUTHOR INDEX

NOTE: Authors of 1997 Annual Meeting abstracts are indexed in the June Annual Meeting Supplement, pp. 000–000

A

Abdelrahman, A. *See* Diamandis, Nadkarni, Bhaumik, Abdelrahman, Melegos, Borchert, Black, Alonso, Salas, De Los Toyos, Sampedro, and López-Otín

Abernathy, E.C. *See* Rezuke, Abernathy, and Tsongalis

Acampora, M. *See* Wu, Feng, Nadelman, Acampora, and Fiedler

Achord, D. *See* Green, Carey, Westgard, Carten, Shablesky, Achord, Page, and Le

Ackattupathil, T. *See* Gambino, Desvarieux, Orth, Matan, Ackattupathil, Lijoi, Wimmer, Bower, and Gunter

Ackland, M.R. *See* Plotkin, McAleer, Cordeiro, Ackland, Sheehan, and Braithwaite

Adatia, I. *See* Makela, Yazdanpanah, Adatia, and Ellis

Aggelaki, D. *See* Haliassos, Melita-Manolis, Aggelaki, Tassi, and Terzoglou

Agnoletti, G. *See* Panteghini, Agnoletti, Pagani, and Spandrio

Aimo, G. *See* Ferrero, Aimo, Pagni, Bergamasco, Bongioanni, Bergamini, and Durelli

Akins, J.R. *See* Bernert, Turner, Pirkle, Sosnoff, Akins, Waldrep, Ann, Covey, Whitfield, Gunter, Miller, Patterson, Needham, Hannon, and Sampson

Akintola, D.F., Sampson, B., Burrin, J., Fleck, A., Price, C., and Hall, G. Changes in Plasma Metallothionein-1, Interleukin-6, and C-Reactive Protein in Patients After Elective Surgery (tech brief), 845

Akitaya, T. *See* ishikawa, Ichikawa, Miura, Momiyama, Keller, Koo, Akitaya, Shimada, and Mitsuhashi

Al Halnak, A. *See* Morineau, Gosling, Patricot, Soliman, Boudou, Al Halnak, Le Brun, Brérault, Julien, Villette, and Fiet

Alamoudi, M. *See* Rashed, Bucknall, Little, Awad, Jacob, Alamoudi, Alwattar, and Ozand

Albano, E. *See* Seccia, Albano, and Bellomo

Albert, A. *See* Boyd and Albert

Albertsson-Wikland, K. *See* Jansson, Boguszewski, Rosberg, Carlsson, and Albertsson-Wikland

Alberty, R. and Albertyová, D. Biological Variation of Free and Total Carnitine in Serum of Healthy Subjects (letter), 2441

Albertyová, D. *See* Alberty and Albertyová

Albrecht, C., Reichen, J., Visser, J., Meijer, D.K.F., and Thormann, W. Differentiation Between Naproxen, Naproxen–Protein Conjugates, and Naproxen–Lysine in Plasma Via Micellar Electrokinetic Capillary Chromatography—A New Approach in the Bioanalysis of Drug Targeting Preparations, 2083

Albright, S. *See* Sampson, Ruddel, Albright, and Elin

Alcazar, R. *See* Urra, de la Torre, Alcazar, and Peces

Alegre, J. *See* Marti, Varela, Segura, Alegre, Suriñach, and Pascual

Alfthan, H. *See* Korhonen, Alfthan, Ylöstalo, Veldhuis, and Stenman

Alfthan, H. *See* Stenman, Unkila-Kallio, Korhonen, and Alfthan

Al-Halnak, A. *See* Morineau, Boudi, Barka, Gourmelen, Degeilh, Hardy, Al-Halnak, Soliman, Gosling, Julien, Brerault, Boudou, Aubert, Villette, Pruna, Galons, and Fiet

Ali, A.C.Y. and Campbell, J.A. Interference of o-Raffinose Cross-Linked Hemoglobin with Routine Hitachi 717 Assays, 1794

Ali, A.C.Y., Mihas, C.C., and Campbell, J.A. Interferences of o-Raffinose Cross-Linked Hemoglobin in Three Methods for Serum Creatinine, 1738

Ali, A.C.Y. *See* Balion, Champagne, and Ali

Alonso, M. *See* Diamandis, Nadkarni, Bhaumik, Abdelrahman, Melegos, Borchert, Black, Alonso, Salas, De Los Toyos, Sampedro, and López-Otín

Altieri, I. *See* Zuccaro, Pichini, Altieri, Rosa, Pellegrini, and Pacifici

Alwattar, M. *See* Rashed, Bucknall, Little, Awad, Jacob, Alamoudi, Alwattar, and Ozand

Alzeer, A.H., El-Hazmi, M.A.F., Warsy, A.S., Ansari, Z.A., and Yrkendi, M.S. Serum Enzymes in Heat Stroke: Prognostic Implication, 1182

Amati, S. *See* Mannello, Sebastiani, Amati, and Gazzanelli

Amit, Y. *See* Zivelin, Rosenberg, Peretz, Amit, Kornbrot, and Seligsohn

Andersen, H.R., Nielsen, J.B., Nielsen, F., and Grandjean, P. Antioxidative Enzyme Activities in Human Erythrocytes, 562

Andersen, H.R. *See* Nielsen, Mikkelsen, Nielsen, Andersen, and Grandjean

Andrade, J.D. *See* Hsiung, Andrade, Costa, and Ash

Andreeva, M., Niedmann, P.D., Schütz, E., Wieland, E., Armstrong, V. W., and Oellerich, M. Determination of MEGX by HPLC with Fluorescence Detection (tech brief), 1081

Angrist, M. Does Phaster Mean Better? (editorial), 424

Angstadt, D.S. *See* Witte, VanNess, Angstadt, and Pennell

Ann, Q. *See* Bernert, Turner, Pirkle, Sosnoff, Akins, Waldrep, Ann, Covey, Whitfield, Gunter, Miller, Patterson, Needham, Hannon, and Sampson

Annesi, G. *See* Muglia, Leone, Annesi, Gabriele, Imbrogno, Grandinetti, Conforti, Naso, and Brancati

Ansari, Z.A. *See* Alzeer, El-Hazmi, Warsy, Ansari, and Yrkendi

Antonini, M.F. *See* Pinzani, Petruzzi, Orlando, Stefanescu, Antonini, Serio, and Pazzagli

Aoyagi, K. *See* Nagase, Ohkoshi, Ueda, Aoyagi, and Koyama

Apple, F.S. *See* Bodor, Survant, Voss, Smith, Porterfield, and Apple

Apple, F.S., Falahati, A., Paulsen, P.R., Miller, E.A., and Sharkey, S.W. Improved Detection of Minor Ischemic Myocardial Injury with Measurement of Serum Cardiac Troponin I, 2047

Apple, F.S. *See* McLaurin, Apple, Voss, Herzog, and Sharkey

Apple, F.S. *See* Ricchiuti, Zhang, and Apple

Apple, F.S. *See* Roberts, Calcote, De, Holmstrom, Narlock, and Apple

Arai, N. *See* Mitsui, Miyamura, Matsunami, Kitagawa, and Arai

Arcelloni, C. *See* Fermo, Arcelloni, Casari, and Paroni

Arcelloni, C. *See* Paroni, Arcelloni, De Vecchi, Fermo, Mauri, and Colombo

Arentsen, J.C. *See* Cobbaert, Arentsen, Mulder, Hoogerbrugge, and Lindemans

Arfman, E.W. *See* Corey, Arfman, Liu, and Vessella

Armbruster, F.P. *See* Karmatschek, Maier, Seibel, Woitge, Ziegler, and Armbruster

Armbruster, F.P. *See* Withold, Armbruster, Karmatschek, and Reinauer

Armstrong, V. W. *See* Andreeva, Niedmann, Schütz, Wieland, Armstrong, and Oellerich

Arndt, T., Hackler, R., Müller, T., Kleine, T.O., and Gressner, A.M. Increased Serum Concentration of Carbohydrate-Deficient Transferrin in Patients with Combined Pancreas and Kidney Transplantation, 344

Arosio, P. *See* Thorpe, Walker, Arosio, Heath, Cook, and Worwood

Artacho, R. *See* Gámez, Ruiz-López, Artacho, Navarro, Puerta, and López

Artuch, R. *See* Vilaseca, Moyano, Ferrer, and Artuch

Asano, S. *See* Morishita, Nakane, Fukatsu, Nakashima, Tsuji, Soya, Yoneda, Asano, and Kawamura

Asanuma, K., Yagihashi, A., and Watanabe, N. Characterization of the Aspartate Aminotransferase–Immunoglobulin M Complex in a Japanese Woman (tech brief), 686

Ash, K.O. *See* Hsiung, Andrade, Costa, and Ash

Ashby, J.P. *See* Henderson, Wenham, Ashby, and Blundell

Ashwood, E.R. Standards of Laboratory Practice: Evaluation of Fetal Lung Maturity, 211

Aspeslet, L.J., LeGatt, D.F., Murphy, G., and Yatscoff, R.W. Effect of Assay Methodology on Pharmacokinetic Differences Between Cyclosporine Neoral® and Sandimmune® Formulations, 104

Assmann, G. *See* Junker, Brandt, Zechel, and Assmann

Assmann, G. *See* Mohr, Cullen, Schmidt, Cignarella, and Assmann

Assmann, G. *See* Nauck, März, Jarausch, Cobbaert, Sägers, Bernard, Delanghe, Honauer, Lehmann, Oestrich, von Eckardstein, Walch, Wieland, and Assmann

Astill, M.E. and Nuttall, K.L. Undisclosed Radioactivity in Specimens: How Much of a Problem? (letter), 1097

Astion, M.L. *See* Witte and Astion

Au, K.-M. *See* Lai, Lee, Au, and Chan

Aubert, P. *See* Morineau, Boudi, Barka, Gourmelen, Degeilh, Hardy, Al-Halnak, Soliman, Gosling, Julien, Brerault, Boudou, Aubert, Villette, Pruna, Galons, and Fiet

Aubin, P., Le Brun, G., Moldovan, F., Villette, J.-M., Créminon, C., Dumas, J., Homyrda, L.,

Soliman, H., Azizi, M., and Fiet, J. Sandwich-Type Enzyme Immunoassay for Big Endothelin-1 in Plasma: Concentrations in Healthy Human Subjects Unaffected by Sex or Posture, 64
Aulesa, C. *See* John, Braconnier, Miedema, Aulesa, and Piras
Aussel, C. *See* Mario, Baudin, Aussel, and Giboudeau
Awad, A. *See* Rashed, Bucknall, Little, Awad, Jacob, Alamoudi, Alwattar, and Ozand
Aydin, A. *See* Baron, Fung, Aydin, Bähring, Jeschke, Luft, and Schuster
Azaroual, N. *See* Maschke, Azaroual, Wieruszeski, Lippens, Imbenotte, Mathieu, Vermeersch, and Lhermitte
Azizi, M. *See* Aubin, Le Brun, Moldovan, Villette, Créminon, Dumas, Homyrda, Soliman, Azizi, and Fiet
Azzazy, H.M.E., Duh, S.-H., Maturen, A., Schaller, E., Shaw, L., Grimaldi, R., Shock, G., and Christenson, R.H. Multicenter Study of Abbott AxSYM® Digoxin II Assay and Comparison with 6 Methods for Susceptibility to Digoxin-Like Immunoreactive Factors, 1635
Azzazy, H.M.E., and Christenson, R.H. All About Albumin: Biochemistry, Genetics, and Medical Applications, T. Peters, Jr (book review), 2014

B

Baadenhuijsen, H. *See* Demacker, Hessels, Toenhake-Dijkstra, and Baadenhuijsen
Bachorik, P.S., Lovejoy, K.L., Carroll, M.D., and Johnson, C.L. Apolipoprotein B and AI Distributions in the United States, 1988–1991: Results of the National Health and Nutrition Examination Survey III (NHANES III), 2364
Badcock, N.R., Zoanetti, G.D., and Martin, E.S. Nonchromatographic Assay for Malondialdehyde–Thiobarbituric Acid Adduct with HPLC Equivalence (tech brief), 1655
Bähring, S. *See* Baron, Fung, Aydin, Bähring, Jeschke, Luft, and Schuster
Bai, X., Hosler, G., Rogers, B.B., Dawson, D.B., and Scheuermann, R.H. Quantitative Polymerase Chain Reaction for Human Herpesvirus Diagnosis and Measurement of Epstein–Barr Virus Burden in Posttransplant Lymphoproliferative Disorder, 1843
Bakker, S.J.L. *See* Scheffer, Bakker, Heine, and Teerlink
Balázs, Cs. *See* Kaczur, Vereb, Molnár, Krajczár, Kiss, Farid, and Balázs
Baldi, G. *See* Bevilacqua, Vago, Baldi, Norbiato, Masson, and Latini
Balion, C.M., Champagne, P.A., and Ali, A.C.Y. Evaluation of HemogloBind™ for Removal of o-Raffinose Cross-Linked Hemoglobin (Hemolink™) from Serum, 1796
Banfi, G., Parma P., and Pontillo, M. Stability of Tumor Markers CA 19.9, CA 125, and CA 15.3 in Serum Obtained from Plain Tubes and Tubes Containing Thixotropic Gel Separator (tech brief), 2430
Banfi, G., Pontillo, M., Dolci, A., and Roi, G.S. Prostate-Specific Antigen Is Not Increased in Young Men by Ultraendurance Sport Performances (letter), 1465
Banfi, G. *See* Ferrara, Daverio, Mazzini, Bonini, and Banfi
Banide, H. *See* Jouhanneau, Raisbeck, Yiou, Lacour, Banide, and Drüeke
Barbieri, A.M. *See* Carrera, Barbieri, Ferrari, Righetti, Perego, and Gelfi
Barczi, S. *See* Gudmundsson, Ershler, Goodman, Lent, Barczi, and Carnes
Bardakdjian-Michau, J. *See* Riou, Godart, Hurtrel, Mathis, Bimet, Bardakdjian-Michau, Préhu, Wajcman, and Galactéros
Barka, A. *See* Morineau, Boudi, Barka, Gourmelen, Degeilh, Hardy, Al-Halnak, Soliman, Gosling, Julien, Brerault, Boudou, Aubert, Villette, Pruna, Galons, and Fiet
Barnes, M.A. *See* Norden, Jackson, Norden, Griffin, Barnes, and Little
Baron, H., Fung, S., Aydin, A., Bähring, S., Jeschke, E., Luft, F.C., and Schuster, H. Oligonucleotide Ligation Assay for Detection of Apolipoprotein E Polymorphisms (tech brief), 1984
Barr, J.L. *See* Ritter, Cortese, Edwards, Barr, Chung, and Long
Barrier, L. *See* Mérillon, Fauconneau, Waffo Teguo, Barrier, Vercauteren, and Huguet
Baudin, B. *See* Mario, Baudin, Aussel, and Giboudeau
Baum, H., Braun, S., Gerhardt, W., Gilson, G., Hafner, G., Müller-Bardorff, M., Stein, W., Klein, G., Ebert, C., Hallermayer, K., and Katus, H.A. Multicenter Evaluation of a Second-Generation Assay for Cardiac Troponin T, 1877
Bayens, A.J.M. *See* Ermens, Bayens, van Gemert, and van Duijnhoven
Bean, P., Liegmann, K., Løvli, T., Westby, C., and Sundrehagen, E. Semiautomated Procedures for Evaluation of Carbohydrate-Deficient Transferrin in the Diagnosis of Alcohol Abuse, 983
Bechara, E.J.H. *See* Costa, Trivelato, Pinto, and Bechara
Bekaert, V.A. *See* D'Haese, Van Landeghem, Lamberts, Bekaert, Schrooten, and De Broe
Bellanné-Chantelot, C. *See* Blanché, Valette, and Bellanné-Chantelot
Bellomo, G. *See* Seccia, Albano, and Bellomo
Benco, J. *See* D'Orazio, Maley, McCaffrey, Chan, Orvedahl, Foos, Blake, Degnan, Benco, Murphy, Edelman, and Ludi
Benecky, M.J., Post, D.R., Schmitt, S.M., and Kochar, M.S. Detection of Hepatitis B Surface Antigen in Whole Blood by Coupled Particle Light Scattering (Copalis™), 1764
Benn, P.A., Clive, J.M., and Collins, R. Medians for Second-Trimester Maternal Serum α-Fetoprotein, Human Chorionic Gonadotropin, and Unconjugated Estriol; Differences Between Races or Ethnic Groups, 333
Bennett, M.J. *See* Hale, Cornell, and Bennett
Benoist, J.-F., Cosson, C., Mimoz, O., and Edouard, A. Serum Cardiac Troponin I, CK, and CK-MB in Early Posttraumatic Rhabdomyolysis (letter), 416
Berden, J.H.M. *See* van Norren, Borggreven, Hovingh, Willems, de Boo, Elving, Berden, and De Pont
Berendonk, B. *See* Franke and Berendonk
Bereznikova, A.V. *See* Katrukha, Bereznikova, Esakova, Pettersson, Lövgren, Severina, Pulkki, Vuopio-Pulkki, and Gusev
Berg, L. *See* Hershman and Berg
Bergamasco, B. *See* Ferrero, Aimo, Pagni, Bergamasco, Bongioanni, Bergamini, and Durelli
Bergamini, L. *See* Ferrero, Aimo, Pagni, Bergamasco, Bongioanni, Bergamini, and Durelli
Bergmark, C., Mansoor, M.A., Svardal, A., and de Faire, U. Redox Status of Plasma Homocysteine and Related Aminothiols in Smoking and Nonsmoking Young Adults (tech brief), 1997
Bermes, E.W., Jr. *See* Callas, Clark, Moreira, Lansden, Gawryl, Kahn, and Bermes
Bermes, E.W., Jr *See* Wu and Bermes
Bernard, D. *See* Delanghe, Vlaminck, Bernard, Robberecht, Praet, De Buyzere, Quatacker, Van Roy, and Van Duynslaegher
Bernard, D. *See* Nauck, März, Jarausch, Cobbaert, Sägers, Bernard, Delanghe, Honauer, Lehmann, Oestrich, von Eckardstein, Walch, Wieland, and Assmann
Bernert, J.T., Jr., Turner, W.E., Pirkle, J.L., Sosnoff, C.S., Akins, J.R., Waldrep, M.K., Ann, Q., Covey, T.R., Whitfield, W.E., Gunter, E.W., Miller, B.B., Patterson, D.G., Jr., Needham, L.L., Hannon, W.H., and Sampson, E.J. Development and Validation of a Sensitive Method for Determination of Serum Cotinine in Smokers and Nonsmokers by Liquid Chromatography / Atmospheric Pressure Ionization Tandem Mass Spectrometry, 2281
Berti, P. *See* Ognibene, Pala, Messeri, Rotella, and Berti
Bertina, R. M. *See* van den Besselaar, Neuteboom, Meeuwisse-Braun, and Bertina
Bertina, R.M. Factor V Leiden and Other Coagulation Factor Mutations Affecting Thrombotic Risk, 1678
Berwick, M.C. *See* Young, Berwick, and Jarett
Besozzi, M. *See* Carobene, Ferrero, Ceriotti, Modenese, Besozzi, De Giorgi, Franzin, Franzini, Kienle, and Magni
Bessard, G.M. *See* Jourdil, Fontanille, and Bessard
Besse, T. *See* Wallemacq, Leal, Besse, Squifflet, Reding, Otte, Lerut, and Hassoun
Betti, F. *See* De Bellis, Salani, Panigone, Betti, Invernizzi, and Luzzana
Beutler, E. Hair Iron Content: Possible Marker to Complement Monitoring Therapy of Iron Deficiency in Patients with Chronic Inflammatory Bowel Disease? (letter), 1099
Beutler, E. Hair Iron Content: Possible Marker to Complement Monitoring Therapy of Iron Deficiency in Patients with Chronic Inflammatory Bowel Disease? (letter, reply), 1100
Bevilacqua, M., Vago, T., Baldi, G., Norbiato, G., Masson, S., and Latini, R. Analytical Agreement and Clinical Correlates of Plasma Brain Natriuretic Peptide Measured by Three Immunoassays in Patients with Heart Failure (letter), 2439
Bharathi, G. *See* Lam, Pang, Poon, Yin, and Bharathi
Bhaumik, B. *See* Diamandis, Nadkarni, Bhaumik, Abdelrahman, Melegos, Borchert, Black, Alonso, Salas, De Los Toyos, Sampedro, and López-Otín
Bhuiyan, A.K.M.J. *See* O'Kane, Ebert, Hallaway, Roberts, Bhuiyan, and Tenner
Bianchi, G. *See* Mannello, Miragoli, Bianchi, and Gazzanelli
Bianchi, G. *See* Mannello, Miragoli, Bianchi, and Gazzanelli
Bieglmayer, C. and Mustafa, G. Adhesive Labels Cause High Thyroxine Results (letter), 548
Bimet, C. *See* Riou, Godart, Hurtrel, Mathis, Bimet, Bardakdjian-Michau, Préhu, Wajcman, and Galactéros
Binder, S.R. Incomplete Removal of Labile Fraction When Measuring Hemoglobin A_{1c} with Bio-Rad Variant® Analyzer (letter, reply), 2437
Bingham, S.A. *See* Bluck and Bingham
Biosca, C., Ricós, C., Jiménez, C.V., Lauzurica, R., and Galimany, R. Model for Establishing Biological Variation in Nonhealthy Situations: Renal Posttransplantation Data (tech brief), 2206
Birkemose, E. *See* Petersen, Stöckl, Blaabjerg, Pedersen, Birkemose, Thienpont, Lassen, and Kjeldsen
Birkmayer, C. *See* Luppa, Brückner, Schwab, Hauck, Schmidmayr, Birkmayer, Paulus, and Hauptmann
Bishop, E. *See* Holownia, Bishop, Newman, John, and Price
Bissé, E. and Wieland, H. Hair Iron Content: Possible Marker to Complement Monitoring Therapy of Iron Deficiency in Patients with Chronic Inflammatory Bowel Disease? (letter, reply), 1099
Bissell, M.G. *See* Mohammad, Okorodudu, Bissell, Dow, Reger, Meier, Guodagno, and Petersen
Bissell, M.G. *See* Rao, Petersen, Bissell, Okorodudu, and Mohammad
Bizollon, C.A. *See* Zucchelli, Pilo, Chiesa, Cohen, and Bizollon
Björkman, S. *See* Eriksson and Björkman
Blaabjerg, O. *See Petersen, Stöckl, Blaabjerg,* Pedersen, Birkemose, Thienpont, Lassen, and Kjeldsen

Black, E.R. Diagnostic Strategies and Test Algorithms in Liver Disease, 1555
Black, M.H. *See* Diamandis, Nadkarni, Bhaumik, Abdelrahman, Melegos, Borchert, Black, Alonso, Salas, De Los Toyos, Sampedro, and López-Otín
Blaise, G. *See* Yang, Troncy, Francœur, Vinet, Vinay, Czaika, and Blaise
Blake, D. *See* D'Orazio, Maley, McCaffrey, Chan, Orvedahl, Foos, Blake, Degnan, Benco, Murphy, Edelman, and Ludi
Blanché, H., Valette, C., and Bellanné-Chantelot, C. Optimization of Nonisotopic PCR–Single-Strand Conformation Polymorphism Analysis (tech brief), 2190
Blanco, I. *See* Olmedilla, Granado, Gil-Martinez, Blanco, and Rojas-Hidalgo
Blank, D.W. *See* Gilfix, Blank, and Rosenblatt
Blase, A. B., Sokoloff, R.L., and Smith, K.M. Five PSA Methods Compared by Assaying Samples with Defined PSA Ratios (tech brief), 843
Blase, Amy B. How Many Mistakes, How to Find Them, 897
Bleile, D.M. Immunoassay, E.P. Diamandis, T.K. Christopoulos (book review), 550
Blick, K. Decision-Making Laboratory Computer Systems as Essential Tools for Achievement of Total Quality, 908
Bluck, L.J.C. and Bingham, S.A. Isoflavone Content of Breast Milk and Soy Formulas: Benefits and Risks (letter), 851
Blumenthal, D. The Errors of Our Ways (editorial), 1305
Blundell, G. *See* Henderson, Wenham, Ashby, and Blundell
Bodor, G.S., Survant, L., Voss, E.M., Smith, S., Porterfield, D., and Apple, F.S. Cardiac Troponin T Composition in Normal and Regenerating Human Skeletal Muscle, 476
Boecker, J. *See* Scholer, Boecker, Engelmayer, Feldmann, Hannak, Kattermann, Oellerich, Raith, Schlebusch, Wieland, Willems, Jarausch, and Domke
Boersma-Cobbaert, C.M. *See* McNamara, Leary, Ceriotti, Boersma-Cobbaert, Cole, Hassemer, Nakamura, Packard, Seccombe, Kimberly, Myers, and Cooper
Bogdanova, N. *See* Markoff, Savoy, Vladimirov, Bogdanova, Kremensky, and Ganev
Boguszewski, C. *See* Jansson, Boguszewski, Rosberg, Carlsson, and Albertsson-Wikland
Bon, G.G., von Mensdorff-Pouilly, S., Kenemans, P., van Kamp, G.J., Verstraeten, R.A., Hilgers, J., Meijer, S., and Vermorken, J.B. Clinical and Technical Evaluation of ACS™ BR Serum Assay of *MUC1* Gene-Derived Glycoprotein in Breast Cancer, and Comparison with CA 15-3 Assays, 585
Bonfrer, J.M.G., Korse, C.M., Verstraeten, R.A., van Kamp, G.J., Hart, G.A.M., and Kenemans, P. Clinical Evaluation of the Byk LIA-mat CA125 II Assay: Discussion of a Reference Value, 491
Bongioanni, M.R. *See* Ferrero, Aimo, Pagni, Bergamasco, Bongioanni, Bergamini, and Durelli
Bonini, P. *See* Ferrara, Daverio, Mazzini, Bonini, and Banfi
Bonnet, P. *See* Souberbielle, Marque, Bonnet, Herviaux, and Sachs
Bonora, R. *See* Panteghini, Bonora, and Pagani
Bonora, R. *See* Panteghini, Bonora, Pagani, Buffoli, and Cuccia
Borawski, J. *See* Górski, Hermens, Borawski, Mysliwiec, and Glatz
Borchert, G. *See* Diamandis, Nadkarni, Bhaumik, Abdelrahman, Melegos, Borchert, Black, Alonso, Salas, De Los Toyos, Sampedro, and López-Otín
Borg, H., Fernlund, P., and Sundkvist, G. Measurement of Antibodies Against Glutamic Acid Decarboxylase 65 (GADA): Two New ^{125}I Assays Compared with [^{35}S]GAD 65 Ligand-Binding Assay, 779
Borg, H., Fernlund, P., and Sundkvist, G. Protein Tyrosine Phosphatase-Like Protein IA2-Antibodies plus Glutamic Acid Decarboxylase 65 Antibodies (GADA) Indicates Autoimmunity as Frequently as Islet Cell Antibodies Assay in Children with Recently Diagnosed Diabetes Mellitus, 2358
Borggreven, J.M.P.M. *See* van Norren, Borggreven, Hovingh, Willems, de Boo, Elving, Berden, and De Pont
Borgya, A. *See* Müller-Bardorff, Hallermayer, Schröder, Ebert, Borgya, Gerhardt, Remppis, Zehelein, and Katus
Borron, S.W. *See* Gourlain, Buneaux, Borron, Gouget, and Levillain
Borts, D.J. *See* Bowers and Borts
Boser, R.B. *See* Lasky and Boser
Boudi, A. *See* Morineau, Boudi, Barka, Gourmelen, Degeilh, Hardy, Al-Halnak, Soliman, Gosling, Julien, Brerault, Boudou, Aubert, Villette, Pruna, Galons, and Fiet
Boudou, P. *See* Morineau, Boudi, Barka, Gourmelen, Degeilh, Hardy, Al-Halnak, Soliman, Gosling, Julien, Brerault, Boudou, Aubert, Villette, Pruna, Galons, and Fiet
Boudou, P. *See* Morineau, Gosling, Patricot, Soliman, Boudou, Al Halnak, Le Brun, Brérault, Julien, Villette, and Fiet
Boulter, C.D. *See* Meikle, Brooks, Ravenscroft, Yan, Williams, Jaunzems, Chataway, Karageorgos, Davey, Boulter, Carlsson, and Hopwood
Bower, J. *See* Gambino, Desvarieux, Orth, Matan, Ackattupathil, Lijoi, Wimmer, Bower, and Gunter
Bowers, L.D. Analytical Advances in Detection of Performance-Enhancing Compounds, 1299
Bowers, L.D. and Borts, D.J. Evaluation of Selected-Ion Storage Ion-Trap Mass Spectrometry for Detecting Urinary Anabolic Agents, 1033
Bowers, L. *See* Liu and Bowers
Bowie, L.J. *See* Reddy, Bowie, and Callistein
Bowles, K.C. *See* Steinberg, Sokoll, Bowles, Nichols, Roberts, Schultheis, and O'Donnell
Boyd, J.C. and Albert, A. Eugene K. Harris, PhD [1927–1997], 2445
Braconnier, F. *See* John, Braconnier, Miedema, Aulesa, and Piras
Bradley, C.A. Life, the Lab, and Everything. I. Wilkinson (book review), 1253
Brady, P.H. *See* Tsipouras, Rix, and Brady
Braganza, J.M. *See* Schofield and Braganza
Braithwaite, R.A. *See* Plotkin, McAleer, Cordeiro, Ackland, Sheehan, and Braithwaite
Brancati, C. *See* Muglia, Leone, Annesi, Gabriele, Imbrogno, Grandinetti, Conforti, Naso, and Brancati
Branch, J. *See* Gosselin, Owings, Larkin, White, Hutchinson, and Branch
Brandslund, I. *See* Dahler-Eriksen, Lassen, Petersen, Lund, Lauritzen, and Brandslund
Brandslund, I. *See* Kjeldsen, Lassen, Petersen, and Brandslund
Brandslund, I. *See* Stahl, Brandslund, Iversen, and Filtenborg
Brandt, B. *See* Junker, Brandt, Zechel, and Assmann
Braselton, W.E., Stuart, K.J., and Kruger, J.M. Measurement of Serum Iohexol by Determination of Iodine with Inductively Coupled Plasma-Atomic Emission Spectroscopy, 1429
Braun, A., Little, D.P., and Köster, H. Detecting *CFTR* Gene Mutations by Using Primer Oligo Base Extension and Mass Spectrometry, 1151
Braun, S. *See* Baum, Braun, Gerhardt, Gilson, Hafner, Müller-Bardorff, Stein, Klein, Ebert, Hallermayer, and Katus
Brendler, J. and Liu, R.H. Initial Test Cutoff Selection Based on Regression Analysis of Initial Test Apparent Analyte Result vs GC/MS Test Analyte Result—Evaluation of Two Radioimmunoassay Kits' Test Data (tech brief), 688
Brennan, S.O. *See* Ridgway, Brennan, Fellowes, and George
Brenneisen, R. *See* Kintz, Brenneisen, Bundeli, and Mangin
Brerault, J. *See* Morineau, Boudi, Barka, Gourmelen, Degeilh, Hardy, Al-Halnak, Soliman, Gosling, Julien, Brerault, Boudou, Aubert, Villette, Pruna, Galons, and Fiet
Brérault, J.-L. *See* Morineau, Gosling, Patricot, Soliman, Boudou, Al Halnak, Le Brun, Brérault, Julien, Villette, and Fiet
Brinkmann, T. *See* Weilke, Brinkmann, and Kleesiek
Brochard, H. *See* Truchaud, Le Neel, Brochard, Malvaux, Moyon, and Cazaubiel
Brooks, D.A. *See* Meikle, Brooks, Ravenscroft, Yan, Williams, Jaunzems, Chataway, Karageorgos, Davey, Boulter, Carlsson, and Hopwood
Brösicke, H. *See* Schadewaldt, Schommartz, Wienrich, Brösicke, Piolot, and Ziegler
Brouillette, R.T. and Waxman, D.H. Evaluation of the Newborn's Blood Gas Status, 215
Broussard, L.A., Presley, L.C., Pittman, T., Clouette, R., and Wimbish, G.H. Simultaneous Identification and Quantitation of Codeine, Morphine, Hydrocodone, and Hydromorphone in Urine as Trimethylsilyl and Oxime Derivatives by Gas Chromatography–Mass Spectrometry, 1029
Brown, B. *See* Ju, Leung, Brown, Stringer, Leigh, Scherrer, Shepard, Jenkins, Knudsen, and Cannon
Brown, E.N. The Smallest Concentration (letter, reply), 857
Bruckert, E. *See* Heshmati, Touitou, Foubert, Young, Bruckert, and Turpin
Brückner, C. *See* Luppa, Brückner, Schwab, Hauck, Schmidmayr, Birkmayer, Paulus, and Hauptmann
Brunelle, J.A. and Moran, R.F. Data Processing in CO-Oximeters That Use Overdetermined Systems (letter, reply), 190
Brünner, N. *See* Stephens, Pedersen, Nielsen, Hamers, Høyer-Hansen, Rønne, Dybkjær, Danø, and Brünner
Bruns, D. E. The Clinical Chemist, 1104
Bruns, D. E. The Clinical Chemist, 1472
Bruns, D. E. The Clinical Chemist, 862
Bruns, D.E. The Clinical Chemist, 1254
Bruns, D.E. The Clinical Chemist, 1676
Bruns, D.E. The Clinical Chemist, 199
Bruns, D.E. The Clinical Chemist, 2016
Bruns, D.E. The Clinical Chemist, 2211
Bruns, D.E. The Clinical Chemist, 420
Bruns, D.E. The Clinical Chemist, 552
Bruns, D.E. The Clinical Chemist, 702
Bruns, D.E. *See* Eckfeldt and Bruns
Bucher, W.J. *See* Thompson, Craig, Davey, Newman, Lonsdale, Bucher, Nagle, and Price
Bucht, E. *See* Rong, Deftos, Ji, and Bucht
Bucht, E. *See* Rong, Ji, Pernow, Sjöstedt, and Bucht
Bucknall, M.P. *See* Rashed, Bucknall, Little, Awad, Jacob, Alamoudi, Alwattar, and Ozand
Buffoli, F. *See* Panteghini, Bonora, Pagani, Buffoli, and Cuccia
Bundeli, P. *See* Kintz, Brenneisen, Bundeli, and Mangin
Buneaux, F. *See* Gourlain, Buneaux, Borron, Gouget, and Levillain
Bureau, I. *See* Fields, Bureau, and Lewis
Burnett, L. *See* Chesher and Burnett
Burrin, J. *See* Akintola, Sampson, Burrin, Fleck, Price, and Hall
Busch, M.P. *See* Tobler and Busch
Buvat, J. *See* Dancoine, Couplet, Buvat, Guittard, Marcolin, and Fourlinnie
Byrjalsen, I. *See* Lind, Chen, and Byrjalsen

C

Calam, R.R. Samples from Patients to Laboratories. W. Guder, S. Narayanan, H. Wisser, B. Zawta (book review), 1470
Calcagno, G. *See* Sacchetti, Sarrantonio, Pastore, Carlino, Calcagno, Ferrajolo, and Salvatore
Calcote, C.B. *See* Roberts, Calcote, De, Holmstrom, Narlock, and Apple
Cale, S. *See* Kuo, Still, Cale, and McDowell
Callas, D.D., Clark, T.L., Moreira, P.L., Lansden, C., Gawryl, M.S., Kahn, S., and Bermes, E.W., Jr. In Vitro Effects of a Novel

Hemoglobin-Based Oxygen Carrier on Routine Chemistry, Therapeutic Drug, Coagulation, Hematology, and Blood Bank Assays, 1744
Callistein, S. *See* Reddy, Bowie, and Callistein
Calzolari, C., Marquet, P.-Y., and Pau, B. Thyroglobulin IRMA Pasteur Immunoassay: Sensitivity of the Assay and Interference from Thyroglobulin Autoantibodies (letter), 413
Campbell, J.A. *See* Ali and Campbell
Campbell, J.A. *See* Ali, Mihas, and Campbell
Campbell, J. *See* Lamont, Campbell, and FitzGerald
Campbell, J. *See* Lamont, Campbell, and FitzGerald
Campbell, T.E. *See* Nowak and Campbell
Camps, J. *See* Joven, Clivillé, Camps, Espinel, Simó, Vilella, and Oliver
Cannon, J. *See* Gosselin, Owings, Larkin, and Cannon
Cannon, R. *See* Ju, Leung, Brown, Stringer, Leigh, Scherrer, Shepard, Jenkins, Knudsen, and Cannon
Cardillo, E. *See* Reyes, Carrera, Cardillo, Ugozzoli, Lowery, Lin, Go, Ferrari, and Wallace
Carey, R.N. *See* Green, Carey, Westgard, Carten, Shablesky, Achord, Page, and Le
Carlino, V. *See* Sacchetti, Sarrantonio, Pastore, Carlino, Calcagno, Ferrajolo, and Salvatore
Carlsson, L. *See* Jansson, Boguszewski, Rosberg, Carlsson, and Albertsson-Wikland
Carlsson, S.R. *See* Meikle, Brooks, Ravenscroft, Yan, Williams, Jaunzems, Chataway, Karageorgos, Davey, Boulter, Carlsson, and Hopwood
Carnes, M. *See* Gudmundsson, Ershler, Goodman, Lent, Barczi, and Carnes
Carobene, A., Ferrero, C., Ceriotti, F., Modenese, A., Besozzi, M., De Giorgi, E., Franzin, M., Franzini, C., Kienle, M.G., and Magni, F. Creatinine Measurement Proficiency Testing: Assignment of Matrix-Adjusted ID GC-MS Target Values, 1342
Carraro, P. *See* Plebani and Carraro
Carreño, P. *See* Lozano, Carreño, Moreno, and Méndez
Carrera, P., Barbieri, A.M., Ferrari, M., Righetti, P.G., Perego, M., and Gelfi, C. Rapid Detection of 21-Hydroxylase Deficiency Mutations by Allele-Specific In Vitro Amplification and Capillary Zone Electrophoresis, 2121
Carrera, P. *See* Reyes, Carrera, Cardillo, Ugozzoli, Lowery, Lin, Go, Ferrari, and Wallace
Carroll, M.D. *See* Bachorik, Lovejoy, Carroll, and Johnson
Carstens, J., Jensen, K.T., Ivarsen, P., Rasmussen, L.M., and Pedersen, E.B. Development of a Urodilatin-Specific Antibody and Radioimmunoassay for Urodilatin in Human Urine, 638
Carten, T. *See* Green, Carey, Westgard, Carten, Shablesky, Achord, Page, and Le
Casari, E. *See* Fermo, Arcelloni, Casari, and Paroni
Cassiman, J.-J. *See* Schollen, Vandenberk, Cassiman, and Matthijs
Castleberry, S.M. *See* Fisher, Haga, Castleberry, Hall, and Thompson
Castrén, K. *See* Welsh, Castrén, and Vähäkangas
Catanzaro, D. *See* Sealey, Catanzaro, and Laragh
Catlin, D.H., Hatton, C.K., and Starcevic, S.H. Issues in Detecting Abuse of Xenobiotic Anabolic Steroids and Testosterone by Analysis of Athletes' Urine, 1280
Cazaubiel, M. *See* Truchaud, Le Neel, Brochard, Malvaux, Moyon, and Cazaubiel
Cecco, S.A. *See* Rehak, Cecco, Niemela, and Elin
Cecco, S. *See* Hristova, Rehak, Cecco, Ruddel, Herion, Eckardt, Linnoila, and Elin
Cembrowski, G.S. Thoughts on Quality-Control Systems: A Laboratorian's Perspective, 886
Cerci, S. *See* Letizia, Cerci, Subioli, Scuro, and Clemente
Ceres-Ruiz, R. *See* Rivero-Marcotegui, Larrañaga-Azcárate, Ceres-Ruiz, and García-Merlo
Ceriotti, F. *See* Carobene, Ferrero, Ceriotti, Modenese, Besozzi, De Giorgi, Franzin, Franzini, Kienle, and Magni
Ceriotti, F. *See* McNamara, Leary, Cerriotti, Boersma-Cobbaert, Cole, Hassemer, Nakamura, Packard, Seccombe, Kimberly, Myers, and Cooper
Chace, D.H., Hillman, S.L., Van Hove, J.L.K., and Naylor, E.W. Rapid Diagnosis of MCAD Deficiency: Quantitative Analysis of Octanoylcarnitine and Other Acylcarnitines in Newborn Blood Spots by Tandem Mass Spectrometry, 2106
Chamberlain, R.T. Intoxication Test Evidence, 2nd ed, E.F. Fitzgerald (book review), 419
Champagne, P.A. *See* Balion, Champagne, and Ali
Chan, A.C. *See* D'Orazio, Maley, McCaffrey, Chan, Orvedahl, Foos, Blake, Degnan, Benco, Murphy, Edelman, and Ludi
Chan, A.Y.-W. *See* Lai, Lee, Au, and Chan
Chang, L. *See* Ellis, Chang, Cogionis, and Daneman
Chang, L. *See* Ellis, Chang, Cogionis, and Daneman
Charleton, M. *See* Tamate, Charleton, Gosling, Egan, Ishikawa, Fottrell, and Kane
Charret, C. *See* Le Boucher, Charret, Coudray-Lucas, Giboudeau, and Cynober
Chataway, T.K. *See* Meikle, Brooks, Ravenscroft, Yan, Williams, Jaunzems, Chataway, Karageorgos, Davey, Boulter, Carlsson, and Hopwood
Chen, C. *See* Linfert, Chen, Ma, Lai, and Tsongalis
Chen, j. *See* Lind, Chen, and Byrjalsen
Chen, S.F., Xu, Y., and Ip, M.P.-C. Electrochemical Enzyme Immunoassay for Serum Prostate-Specific Antigen at Low Concentrations (tech brief), 1459
Cheng, J. *See* Fortina, Cheng, Shoffner, Surrey, Hitchcock, Kricka, and Wilding
Chesher, D. and Burnett, L. Equivalence of Critical Error Calculations and Process Capability Index C_{pk} (letter), 1100
Cheung, P. *See* Everhart, Cheung, Shwonek, Zabel, Tisdale, Jacob, Mendelson, and Jones
Chiesa, M.R. *See* Zucchelli, Pilo, Chiesa, Cohen, and Bizollon
Choong, M.-L., Koay, E.S.C., Khoo, K.-L., Khaw, M.-C., and Sethi, S. K. Denaturing Gradient-Gel Electrophoresis Screening of Familial Defective Apolipoprotein B-100 in a Mixed Asian Cohort: Two Cases of Arginine$_{3500}$→Tryptophan Mutation Associated with a Unique Haplotype, 916
Christenson, R.H. *See* Azzazy and Christenson
Christenson, R.H. *See* Azzazy, Duh, Maturen, Schaller, Shaw, Grimaldi, Shock, and Christenson
Christiansen, M. *See* Qin, Christiansen, Oxvig, Pettersson, Sottrup-Jensen, Koch, and Nørgaard-Pedersen
Chung, B.C. *See* Suh, Lee, and Chung
Chung, H.D. *See* Ritter, Cortese, Edwards, Barr, Chung, and Long
Chypre, C. *See* Lopez-Crapez, Chypre, Saavedra, Marchand, and Grenier
Cignarella, A. *See* Mohr, Cullen, Schmidt, Cignarella, and Assmann
Cioffi, M., Molinari, A.M., Gazzerro, P., Di Finizio, B., Fratta, M., Deufemia, A., and Puca, G.A. Serum Osteocalcin in 1634 Healthy Children (tech brief), 543
Clark, T.L. *See* Callas, Clark, Moreira, Lansden, Gawryl, Kahn, and Bermes
Clark, T.L. *See* Moreira, Lansden, Clark, and Gawryl
Clark, T.L. *See* Moreira, Lansden, Clark, and Gawryl
Clark, T. *See* Ma, Monk, Goodnough, McClellan, Gawryl, Clark, Moreira, Keipert, and Scott
Clark, T. *See* Sarkozi, Jacobs, Clark, Gawryl, and Simson
Clauwaert, K.M. *See* Van Bocxlaer, Clauwaert, Lambert, and De Leenheer
Clemens, J.D., Herrick, M.V., Singer, F.R., and Eyre, D.R. Evidence That Serum NTx (Collagen-Type I N-Telopeptides) Can Act as an Immunochemical Marker of Bone Resorption, 2058
Clemente, G. *See* Letizia, Cerci, Subioli, Scuro, and Clemente
Clive, J.M. *See* Benn, Clive, and Collins
Clive, J.M. *See* Wu and Clive
Clivillé, X. *See* Joven, Clivillé, Camps, Espinel, Simó, Vilella, and Oliver
Clouette, R. *See* Broussard, Presley, Pittman, Clouette, and Wimbish
Cobbaert, C., Arentsen, J.C., Mulder, P., Hoogerbrugge, N., and Lindemans, J. Significance of Various Parameters Derived from Biological Variability of Lipoprotein(a), Homocysteine, Cysteine, Total Antioxidant Status, 1958
Cobbaert, C. *See* Nauck, März, Jarausch, Cobbaert, Sägers, Bernard, Delanghe, Honauer, Lehmann, Oestrich, von Eckardstein, Walch, Wieland, and Assmann
Coca, L. *See* Covas, Coca, Ricós, and Marrugat
Coehlo, P. *See* Gosselin, Larkin, Owings, and Coehlo
Cogionis, B. *See* Ellis, Chang, Cogionis, and Daneman
Cogionis, B. *See* Ellis, Chang, Cogionis, and Daneman
Cohen, R. *See* Zucchelli, Pilo, Chiesa, Cohen, and Bizollon
Cole, L.A. Immunoassay of Huma Chorionic Gonadotropin, Its Free Subunits, and Metabolites, 2233
Cole, T.G. *See* McNamara, Leary, Ceriotti, Boersma-Cobbaert, Cole, Hassemer, Nakamura, Packard, Seccombe, Kimberly, Myers, and Cooper
Colford, J., Sailer, D., and Langman, C. Five Osteocalcin Assays Compared: Tracer Specificity, Fragment Interference, and Calibration (tech brief), 1240
Collins, R. *See* Benn, Clive, and Collins
Collinson, P.O. To T or Not to T, That Is the Question (editorial), 421
Colombo, R. *See* Paroni, Arcelloni, De Vecchi, Fermo, Mauri, and Colombo
Conforti F.L. *See* Muglia, Leone, Annesi, Gabriele, Imbrogno, Grandinetti, Conforti, Naso, and Brancati
Contacos, C. *See* Vrga, Contacos, Li, and Sullivan
Cook, J.D. *See* Thorpe, Walker, Arosio, Heath, Cook, and Worwood
Cooper, G.R. *See* McNamara, Leary, Ceriotti, Boersma-Cobbaert, Cole, Hassemer, Nakamura, Packard, Seccombe, Kimberly, Myers, and Cooper
Copeland, K.R., Loun, B., and Sedor, F.A. Stability of a Control Material Suitable for Quantitative Measurement of Urine Myoglobin (tech brief), 2202
Cordeiro, M.L. *See* Plotkin, McAleer, Cordeiro, Ackland, Sheehan, and Braithwaite
Corey, E., Wegner, S.K., Corey, M.J., and Vessella, R.L. Prostate-Specific Antigen: Characterization of Epitopes by Synthetic Peptide Mapping and Inhibition Studies, 575
Corey, E., Arfman, E.W., Liu, A.Y., and Vessella, R.L. Improved Reverse Transcriptase–Polymerase Chain Reaction Protocol with Exogenous Internal Competitive Control for Prostate-Specific Antigen mRNA in Blood and Bone Marrow, 443
Corey, M.J. *See* Corey, Wegner, Corey, and Vessella
Cornelis, R. *See* Zhang, Cornelis, De Kimpe, Mees, and Lameire
Cornell, J.E. *See* Hale, Cornell, and Bennett
Cortese, C.M. *See* Ritter, Cortese, Edwards, Barr, Chung, and Long
Cortés, M. *See* Planella, Cortés, Martínez-Brú, González-Sastre, and Ordóñez-Llanos

Cosson, C. *See* Benoist, Cosson, Mimoz, and Edouard
Costa, C.A., Trivelato, G.C., Pinto, A.M.P., and Bechara, E.J.H. Correlation Between Plasma 5-Aminolevulinic Acid Concentrations and Indicators of Oxidative Stress in Lead-Exposed Workers, 1196
Costa, R. *See* Hsiung, Andrade, Costa, and Ash
Couch, F.J. *See* Rohlfs, Learning, Friedman, Couch, Weber, and Silverman
Coudray-Lucas, C. *See* Le Boucher, Charret, Coudray-Lucas, Giboudeau, and Cynober
Couplet, G. *See* Dancoine, Couplet, Buvat, Guittard, Marcolin, and Fourlinnie
Coutts, S.B., Kicman, A.T., Hurst, D.T., and Cowan, D.A. Intramuscular Administration of 5α-Dihydrotestosterone Heptanoate: Changes in Urinary Hormone Profile, 2091
Covas, M.I., Coca, L., Ricós, C., and Marrugat, J. Biological Variation of Superoxide Dismutase in Erythrocytes and Glutathione Peroxidase in Whole Blood (tech brief), 1991
Covey, T.R. *See* Bernert, Turner, Pirkle, Sosnoff, Akins, Waldrep, Ann, Covey, Whitfield, Gunter, Miller, Patterson, Needham, Hannon, and Sampson
Cowan, D. and Kicman, A. Doping in Sport: Misuse, Analytical Tests and Legal Aspects, 1261
Cowan, D. and Kicman, A. Doping in Sport: Misuse, Analytical Tests, and Legal Aspects (editorial), 1110
Cowan, D.A. *See* Coutts, Kicman, Hurst, and Cowan
Craig, A.R. *See* Thakkar, Newman, Holownia, Davey, Wang, Lloyd, Craig, and Price
Craig, A.R. *See* Thompson, Craig, Davey, Newman, Lonsdale, Bucher, Nagle, and Price
Créminon, C. *See* Aubin, Le Brun, Moldovan, Villette, Créminon, Dumas, Homyrda, Soliman, Azizi, and Fiet
Créminon, C. *See* Taran, Frobert, Créminon, Grassi, Olichon, Mioskowski, and Pradelles
Crimmins, D.L. *See* Scott, Hock, Crimmins, and Fracasso
Crofton, P.M., Wade, J.C., Taylor, M.R.H., and Holland, C.V. Serum Concentrations of Carboxyl-Terminal Propeptide of Type I Procollagen, Amino-Terminal Propeptide of Type III Procollagen, Cross-Linked Carboxyl-Terminal Telopeptide of Type I Collagen, and Their Interrelationships in Schoolchildren, 1577
Crook, M., Preston, K., and Lancaster, I. Serum Prostatic Specific-Antigen Concentrations in Acute Myocardial Infarction (letter), 1670
Cuccia, C. *See* Panteghini, Bonora, Pagani, Buffoli, and Cuccia
Cull, C.A., Manley, S.E., Stratton, I.M., Neil, H.A.W., Ross, I.S., Holman, R.R., Turner, R.C., and Matthews, D.R. Approach to Maintaining Comparability of Biochemical Data During Long-Term Clinical Trials, 1913
Cullen, P. *See* Mohr, Cullen, Schmidt, Cignarella, and Assmann
Curme, H. and Rand, R.N. Early History of Eastman Kodak Ektachem Slides and Instrumentation, 1647
Cutler, A.F. *See* Sharma, Young, Miller, and Cutler
Cynober, L. *See* Le Boucher, Charret, Coudray-Lucas, Giboudeau, and Cynober
Cyr, R. *See* Leung, Dees, Cyr, Schloegel, and Kao
Czaika, G. *See* Yang, Troncy, Francœur, Vinet, Vinay, Czaika, and Blaise
Czeschin, I.I. *See* Kempe, Czeschin, Yates, Deuser, and Scott

D

Dahler-Eriksen, B.S., Lassen, J.F., Petersen, P.H., Lund, E.D., Lauritzen, T., and Brandslund, I. Evaluation of a Near-Patient Test for C-Reactive Protein Used in Daily Routine in Primary Healthcare by Use of Difference Plots, 2064
Dahse, R., Fiedler, W., and Ernst, G. Telomeres and Telomerase: Biological and Clinical Importance, 708
Dallaire, L. *See* Lepage, McDonald, Dallaire, and Lambert
Damhaut, P. *See* Dethy, Laute, Van Blercom, Damhaut, Goldman, and Hildebrand
Dancoine, F., Couplet, G., Buvat, J., Guittard, C., Marcolin, G., and Fourlinnie, J. Analytical and Clinical Evaluation of the Immulite® Estradiol Assay in Serum from Patients Undergoing In Vitro Fertilization: Estradiol Increase in Mature Follicles, 1165
Daneman, D. *See* Ellis, Chang, Cogionis, and Daneman
Daneman, D. *See* Ellis, Chang, Cogionis, and Daneman
D'Angelo, A., Galli, L., and Lang, H. Comparison of Mean Normal Prothrombin Time (PT) with PT of Fresh Normal Pooled Plasma or of a Lyophilized Control Plasma (R82A) as Denominator to Express PT Results: Collaborative Study of the International Federation of Clinical Chemistry, 2169
Danø, K. *See* Stephens, Pedersen, Nielsen, Hamers, Høyer-Hansen, Rønne, Dybkjær, Danø, and Brünner
Darte, C. *See* Price, Milligan, and Darte
Däschner, M. *See* Petani, Topić, Turčić, and Däschner
Dati, F., Hafner, G., Erbes, H., Prellwitz, W., Kraus, M., Niemann, F., Noah, M., and Wagner, C. ProC® Global: First Functional Screening Assay for the Complete Protein C Pathway, 1719
Datta, P. Oxaprozin and 5-(*p*-Hydroxyphenyl)-5-Phenylhydantoin Interference in Phenytoin Imunoassays (letter), 1468
Daverio, R. *See* Ferrara, Daverio, Mazzini, Bonini, and Banfi
Davey, C.L. *See* Thakkar, Newman, Holownia, Davey, Wang, Lloyd, Craig, and Price
Davey, C.L. *See* Thompson, Craig, Davey, Newman, Lonsdale, Bucher, Nagle, and Price
Davey, R. Thyroxine, Thyrotropin, Age in a Euthyroid Hospital Patient Population, 2143
Davey, R.C. *See* Meikle, Brooks, Ravenscroft, Yan, Williams, Jaunzems, Chataway, Karageorgos, Davey, Boulter, Carlsson, and Hopwood
Davis-Street, J.E. *See* Smith, Davis-Street, Fontenot, and Lane
Dawnay, A. *See* Harwood, Little, Gallacher, Perrett, Edwards, and Dawnay
Dawson, D.B. *See* Siegelman, Mohabeer, Fahey, Tomlinson, Mayambala, Jafari, Noll, Thibodeau, and Dawson
Dawson, D.B. *See* Bai, Hosler, Rogers, Dawson, and Scheuermann
Day, I.N.M. *See* Humphries, Gudnason, Whittall, and Day
De Angelis, C., Riscazzi, M., Salvini, R., Piccoli, A., Ferri, C., and Santucci, A. Isolation and Characterization of a Digoxin-Like Immunoreactive Substance from Human Urine by Affinity Chromatography, 1416
De Bellis, G., Salani, G., Panigone, S., Betti, F., Invernizzi, L., and Luzzana, M. Apolipoprotein E Genotyping by Capillary Electrophoretic Analysis of Restriction Fragments, 1321
de Boo, T. *See* van Norren, Borggreven, Hovingh, Willems, de Boo, Elving, Berden, and De Pont
De Broe, M.E. *See* D'Haese, Van Landeghem, Lamberts, Bekaert, Schrooten, and De Broe
De Buyzere, M. *See* Delanghe, Vlaminck, Bernard, Robberecht, Praet, De Buyzere, Quatacker, Van Roy, and Van Duynslaegher
de Campos, F.M. *See* Innanen, Groom, and de Campos
de Faire, U. *See* Bergmark, Mansoor, Svardal, and de Faire
De Geeter, F. Parameters Relating to Ultrasensitive Prostate-Specific Antigen Assays (letter), 2010
De Giorgi, E. *See* Carobene, Ferrero, Ceriotti, Modenese, Besozzi, De Giorgi, Franzin, Franzini, Kienle, and Magni
de Jong, J.G.N. *See* Jira, de Jong, Janssen-Zijlstra, Wendel, and Wevers
De Kimpe, J. *See* Zhang, Cornelis, De Kimpe, Mees, and Lameire
de la Torre, M. *See* Urra, de la Torre, Alcazar, and Peces
De Leenheer, A.P. *See* Van Bocxlaer, Clauwaert, Lambert, and De Leenheer
De Los Toyos, J.R. *See* Diamandis, Nadkarni, Bhaumik, Abdelrahman, Melegos, Borchert, Black, Alonso, Salas, De Los Toyos, Sampedro, and López-Otín
De Pont, J.J.H.H.M. *See* van Norren, Borggreven, Hovingh, Willems, de Boo, Elving, Berden, and De Pont
De Vecchi, E. *See* Paroni, Arcelloni, De Vecchi, Fermo, Mauri, and Colombo
de Winter, R.J., Koster, R.W., van Straalen, J.P., Gorgels, J.P.M.C., Hoek, F.J., and Sanders, G.T. Critical Difference Between Serial Measurements of CK-MB Mass to Detect Myocardial Damage, 338
De, B.K. *See* Roberts, Calcote, De, Holmstrom, Narlock, and Apple
Dees, K. *See* Leung, Dees, Cyr, Schloegel, and Kao
Deftos, L.J. *See* Rong, Deftos, Ji, and Bucht
Degeilh, F. *See* Morineau, Boudi, Barka, Gourmelen, Degeilh, Hardy, Al-Halnak, Soliman, Gosling, Julien, Brerault, Boudou, Aubert, Villette, Pruna, Galons, and Fiet
Degnan, S. *See* D'Orazio, Maley, McCaffrey, Chan, Orvedahl, Foos, Blake, Degnan, Benco, Murphy, Edelman, and Ludi
Delanghe, J., Vlaminck, H., Bernard, D., Robberecht, E., Praet, M., De Buyzere, M., Quatacker, J., Van Roy, N., and Van Duynslaegher, J. Absence of Serum Alanine Aminotransferase Activity in a Neonate (tech brief), 1665
Delanghe, J. *See* Nauck, März, Jarausch, Cobbaert, Sägers, Bernard, Delanghe, Honauer, Lehmann, Oestrich, von Eckardstein, Walch, Wieland, and Assmann
Delanghe, J.R. and Langlois, M.R. Difference in Hemoglobin-Binding Ability of Polymers Among Haptoglobin Phenotypes (letter, reply), 2012
Delves, H.T. Blood Lead Screening (Continued) (letter), 1246
Delvoux, B. *See* Kock, Delvoux, and Greiling
Demacker, P.N.M., Hessels, M., Toenhake-Dijkstra, H., and Baadenhuijsen, H. Precipitation Methods for High-Density Lipoprotein Cholesterol Measurement Compared, and Final Evaluation Under Routine Operating Conditions of a Method with a Low Sample-to-Reagent Ratio, 663
Demedts, P., Wauters, A., Watelle, M., and Neels, H. Pitfalls in Discriminating Sulfhemoglobin from Methemoglobin (letter), 1098
Demers, L.M. Introduction., 1677
Demshar, H.P. *See* Wang, Pizzolato, and Demshar
Demshar, H.P. *See* Wang, Pizzolato, Demshar, and Smith
Derkx, F.H.M. and Schalekamp, M.A.D.H. More on Renin (letter), 694
Despotis, G.J., Joist, J.H., and Goodnough, L.T. Monitoring of Hemostasis in Cardiac Surgical Patients: Impact of Point-of-Care Testing on Blood Loss and Transfusion Outcomes, 1684
Desvarieux, E. *See* Gambino, Desvarieux, Orth, Matan, Ackattupathil, Lijoi, Wimmer, Bower, and Gunter
Dethy, S., Laute, M.A., Van Blercom, N., Damhaut, P., Goldman, S., and Hildebrand, J. Microdialysis-HPLC for Plasma Levodopa and Metabolites Monitoring in Parkinsonian Patients, 740
Deufemia, A. *See* Cioffi, Molinari, Gazzerro, Di Finizio, Fratta, Deufemia, and Puca
Deuser, S.M. *See* Kempe, Czeschin, Yates, Deuser, and Scott
Dey, D.C. *See* Maekawa, Sudo, Dey, Ishikawa, Izumi, Kotani, and Kanno

D'Haese, P.C., Van Landeghem, G.F., Lamberts, L.V., Bekaert, V.A., Schrooten, I., and De Broe, M.E. Measurement of Strontium in Serum, Urine, Bone, and Soft Tissues by Zeeman Atomic Absorption Spectrometry, 121
d'Herbomez, M. *See* Sapin, Gasser, d'Herbomez, Wemeau, Ebert, and Schlienger
Di Finizio, B. *See* Cioffi, Molinari, Gazzerro, Di Finizio, Fratta, Deufemia, and Puca
Diamandi, A. *See* Khosravi, Diamandi, and Mistry
Diamandis, E.P., Nadkarni, S., Bhaumik, B., Abdelrahman, A., Melegos, D.N., Borchert, G., Black, M.H., Alonso, M., Salas, A., De Los Toyos, J.R., Sampedro, A., and López-Otín, C. Immunofluorometric Assay of Pepsinogen C and Preliminary Clinical Applications, 1365
Diamandis, E.P. *See* Melegos, Freedman, and Diamandis
Diamandis, E.P. *See* Zarghami, Grass, Sauter, and Diamandis
DiBisceglie, A.M. *See* Elin, Fried, Sampson, Ruddel, Kleiner, and DiBisceglie
Dietzen, D.J., Wilhite, T.R., Kenagy, D.N., Milliner, D.S., Smith, C.H., and Landt, M. Extraction of Glyceric and Glycolic Acids from Urine with Tetrahydrofuran: Utility in Detection of Primary Hyperoxaluria, 1315
Dillon, P.W. *See* Lévesque, Letellier, Dillon, and Grant
Doelman, C.J.A., Siebelder, C.W.M., Nijhof, W.A., Weykamp, C.W., Janssens, J., and Penders, T.J. Capillary Electrophoresis System for Hb A_{1c} Determinations Evaluated, 644
Dolci, A. *See* Banfi, Pontillo, Dolci, and Roi
Domínguez, F. *See* Loidi, Vidal, Zalvide, Puente, Reyes, and Domínguez
Domke, I. *See* Scholer, Boecker, Engelmayer, Feldmann, Hannak, Kattermann, Oellerich, Raith, Schlebusch, Wieland, Willems, Jarausch, and Domke
D'Orazio, P. Meeting Report: *Preparing for Critical Care Analyses in the 21st Century*, 16th International Symposium (letter), 411
D'Orazio, P.A., Maley, T.C., McCaffrey, R.R., Chan, A.C., Orvedahl, D., Foos, J., Blake, D., Degnan, S., Benco, J., Murphy, C., Edelman, P.G., and Ludi, H. Planar (Bio)Sensors for Critical Care Diagnostics (tech brief), 1804
Doshi, S. *See* Law, Doshi, McGeehan, McGeehan, Gibboni, Nikolioukine, Keane, Zheng, Rao, and Ertingshausen
Dow, P. *See* Mohammad, Okorodudu, Bissell, Dow, Reger, Meier, Guodagno, and Petersen
Drabløs, P.A. *See* Mansoor, Kristensen, Hervig, Drabløs, Stakkestad, Woie, Hetland, and Osland
Drew, C.M. *See* Smythe and Drew
Drüeke, T.B. *See* Jouhanneau, Raisbeck, Yiou, Lacour, Banide, and Drüeke
Dufour, D.R. Clinical Diagnosis and Management by Laboratory Methods, 19th ed. J.B. Henry. (book review), 197
Duh, S.-H. *See* Azzazy, Duh, Maturen, Schaller, Shaw, Grimaldi, Shock, and Christenson
Dülffer, T. *See* Kobold, Jeppsson, Dülffer, Finke, Hoelzel, and Miedema
Dumas, F., Eschwège, P., and Loric, S. Acute Bacterial Prostatitis Induces Hematogenous Dissemination of Prostate Epithelial Cells (letter), 2007
Dumas, J. *See* Aubin, Le Brun, Moldovan, Villette, Créminon, Dumas, Homyrda, Soliman, Azizi, and Fiet
Dumontet, M. *See* Sadeg, François, Petit, Dutertre-Catella, and Dumontet
Duncan, M.W. *See* Smythe and Duncan
Dung, N. T. and Wellby, M.L. Effect of High Room Temperature on Urinary Iodine Assay (tech brief), 1084
Dupret, P. *See* Leal, Dupret, Hassoun, and Wallemacq
Durbin, C.G., Jr Acid Base Disorders—Computer-Aided Learning Software on CD-ROM, James Hooper, ed. (software review), 2015
Durelli, L. *See* Ferrero, Aimo, Pagni, Bergamasco, Bongioanni, Bergamini, and Durelli
Dutertre-Catella, H. *See* Sadeg, François, Petit, Dutertre-Catella, and Dumontet
Dybkjær, E. *See* Stephens, Pedersen, Nielsen, Hamers, Høyer-Hansen, Rønne, Dybkjær, Danø, and Brünner

E

Ebert, C. *See* Baum, Braun, Gerhardt, Gilson, Hafner, Müller-Bardorff, Stein, Klein, Ebert, Hallermayer, and Katus
Ebert, C. *See* Müller-Bardorff, Hallermayer, Schröder, Ebert, Borgya, Gerhardt, Remppis, Zehelein, and Katus
Ebert, C. *See* Sapin, Gasser, d'Herbomez, Wemeau, Ebert, and Schlienger
Ebert, T.A. *See* O'Kane, Ebert, Hallaway, Roberts, and Tenner
Eby, C. Standardization of APTT Reagents for Heparin Therapy Monitoring: Urgent or Fading Priority? (editorial), 1105
Eckardt, M. *See* Hristova, Rehak, Cecco, Ruddel, Herion, Eckardt, Linnoila, and Elin
Eckfeldt, J.H. and Bruns, D.E. Another Step Toward Standardization of Methods for Measuring Hemoglobin A_{1c} (editorial), 1811
Eckfeldt, J.H. *See* Garg, Zheng, Folsom, Moyer, Tsai, McGovern, and Eckfeldt
Edelman, P.G. *See* D'Orazio, Maley, McCaffrey, Chan, Orvedahl, Foos, Blake, Degnan, Benco, Murphy, Edelman, and Ludi
Edouard, A. *See* Benoist, Cosson, Mimoz, and Edouard
Edwards, J.G. *See* Schneider, Edwards, and Hartman
Edwards, L.C. *See* Ritter, Cortese, Edwards, Barr, Chung, and Long
Edwards, P. *See* Ekins and Edwards
Edwards, R. *See* Harwood, Little, Gallacher, Perrett, Edwards, and Dawnay
Egan, D. *See* Tamate, Charleton, Gosling, Egan, Ishikawa, Fottrell, and Kane
Ehrich, J.H.H. *See* Filler, Witt, Priem, Ehrich, and Jung
Ehrmeyer, S.S. and Laessig, R.H. Application of the Department of Health and Human Services Proposed Waived Status Requirements for In Vitro Diagnostic Testing Devices: Case Study, 1610
Ehrmeyer, S.S. *See* Laessig and Ehrmeyer
Eissa, S., Mostafa, M.M., El-Gendy, A.A.E.A., and Senna, I.A. Quantitative Immunological Detection of Total Estrogen Receptor (Cytosolic and Nuclear) in Term Decidua of Preeclampsia: A Preliminary Study (tech brief), 405
Ekins, R. and Edwards, P. On the Meaning of "Sensitivity", 1824
El-Gendy, A.A.E.A. *See* Eissa, Mostafa, El-Gendy, and Senna
El-Hazmi, M.A.F. *See* Alzeer, El-Hazmi, Warsy, Ansari, and Yrkendi
Elin, R.J., Fried, M.W., Sampson, M., Ruddel, M., Kleiner, D.E., and DiBisceglie, A.M. Assessment of Monoethylglycinexylidide as Measure of Liver Function for Patients with Chronic Viral Hepatitis, 1952
Elin, R.J. *See* Hristova, Rehak, Cecco, Ruddel, Herion, Eckardt, Linnoila, and Elin
Elin, R.J. *See* Rehak, Cecco, Niemela, and Elin
Elin, R.J. *See* Sampson, Ruddel, Albright, and Elin
Ellenius, J., Groth, T., Lindahl, B., and Wallentin, L. Early Assessment of Patients with Suspected Acute Myocardial Infarction by Biochemical Monitoring and Neural Network Analysis, 1919
Ellis, G., Chang, L., Cogionis, B., and Daneman, D. Incomplete Removal of Labile Fraction When Measuring Hemoglobin A_{1c} with Bio-Rad Variant® Analyzer (letter), 2437
Ellis, G., Chang, L., Cogionis, B., and Daneman, D. Incomplete Removal of Labile Fraction When Measuring Hemoglobin A_{1c} with Bio-Rad Variant® Analyzer (letter, reply), 2438
Ellis, G. *See* Makela, Yazdanpanah, Adatia, and Ellis
Elving, L.D. *See* van Norren, Borggreven, Hovingh, Willems, de Boo, Elving, Berden, and De Pont
Emancipator, K. QC Validator, Version 2.0, J. Westgard (software review), 1103
Engelmayer, U. *See* Scholer, Boecker, Engelmayer, Feldmann, Hannak, Kattermann, Oellerich, Raith, Schlebusch, Wieland, Willems, Jarausch, and Domke
Erbes, H. *See* Dati, Hafner, Erbes, Prellwitz, Kraus, Niemann, Noah, and Wagner
Eriksson, T. and Björkman, S. Handling of Blood Samples for Determination of Thalidomide (letter), 1094
Ermens, A.A.M., Bayens, A.J.M., van Gemert, A.C.M., and van Duijnhoven, J.L.P. Simple Dot-Blot Method Evaluated for Detection of Antibodies Against Extractable Nuclear Antigens (tech brief), 2420
Ernst, G. *See* Dahse, Fiedler, and Ernst
Ershler, W.B. *See* Gudmundsson, Ershler, Goodman, Lent, Barczi, and Carnes
Ertingshausen, G. *See* Law, Doshi, McGeehan, McGeehan, Gibboni, Nikolioukine, Keane, Zheng, Rao, and Ertingshausen
Esakova, T.V. *See* Katrukha, Bereznikova, Esakova, Pettersson, Lövgren, Severina, Pulkki, Vuopio-Pulkki, and Gusev
Eschwège, P. *See* Dumas, Eschwège, and Loric
Esernio-Jenssen, D. *See* Parsons, Reilly, and Esernio-Jenssen
Eskola-Williams, A. Misleading Results with Opus® Magnum hLH Assay (letter), 2008
Espinel, E. *See* Joven, Civillé, Camps, Espinel, Simó, Vilella, and Oliver
Estey, C.A. and Felder, R.A. Clinical Evaluation of Serial Blood Processing at Point of Care, 360
Etchison, J.R. and Freeze, H.H. Enzymatic Assay of D-Mannose in Serum, 533
Eure, K.L. *See* Woodrum, French, Hill, Roman, Slatore, Shaffer, York, Eure, Loveland, Gasior, Southwick, and Shamel
Everhart, E.T., Cheung, P., Shwonek, P., Zabel, K., Tisdale, E.C., Jacob, P., III, Mendelson, J., and Jones, R.T. Subnanogram-Concentration Measurement of Buprenorphine in Human Plasma by Electron-Capture Capillary Gas Chromatography: Application to Pharmacokinetics of Sublingual Buprenorphine, 2292
Eyre, D.R. *See* Clemens, Herrick, Singer, and Eyre

F

Faaren, A.L. *See* Frantzen, Grimsrud, Heggli, Faaren, Løvli, and Sundrehagen
Fagan, G.J. Misleading Results with Opus® Magnum hLH Assay (letter, reply), 2009
Fahey, T.J., III *See* Siegelman, Mohabeer, Fahey, Tomlinson, Mayambala, Jafari, Noll, Thibodeau, and Dawson
Falahati, A. *See* Apple, Falahati, Paulsen, Miller, and Sharkey
Fallest-Strobl, P.C., Olafsdottir, E., Wiebe, D.A., and Westgard, J.O. Comparison of NCEP Performance Specifications for Triglycerides, HDL-, LDL-Cholesterol with Operating Specifications Based on NCEP Clinical and Analytical Goals, 2164
Fareed, J. *See* Hoppensteadt, Kahn, and Fareed
Farid, N. R. *See* Kaczur, Vereb, Molnár, Krajczár, Kiss, Farid, and Balázs
Fauconneau, B. *See* Mérillon, Fauconneau, Waffo Teguo, Barrier, Vercauteren, and Huguet
Felder, R.A. *See* Estey and Felder
Feldmann, K. *See* Scholer, Boecker, Engelmayer, Feldmann, Hannak, Kattermann, Oellerich, Raith, Schlebusch, Wieland, Willems, Jarausch, and Domke
Fellowes, A.P. *See* Ridgway, Brennan, Fellowes, and George
Feng, Y.-J. *See* Wu, Feng, Nadelman, Acampora, and Fiedler
Feng, Y.-J. *See* Wu, Feng, Roper, Herbert, and Schweizer

Fermo, I., Arcelloni, C., Casari, E., and Paroni, R. Urine Pyridinium Cross-Links Determination by Beckman Cross Links Kit (tech brief), 2186
Fermo, I. *See* Paroni, Arcelloni, De Vecchi, Fermo, Mauri, and Colombo
Fernlund, P. *See* Borg, Fernlund, and Sundkvist
Fernlund, P. *See* Borg, Fernlund, and Sundkvist
Ferrajolo, A. *See* Sacchetti, Sarrantonio, Pastore, Carlino, Calcagno, Ferrajolo, and Salvatore
Ferrara, F., Daverio, R., Mazzini, G., Bonini, P., and Banfi, G. Automation of Human Sperm Cell Analysis by Flow Cytometry, 801
Ferrari, M. *See* Carrera, Barbieri, Ferrari, Righetti, Perego, and Gelfi
Ferrari, M. *See* Reyes, Carrera, Cardillo, Ugozzoli, Lowery, Lin, Go, Ferrari, and Wallace
Ferrer, I. *See* Vilaseca, Moyano, Ferrer, and Artuch
Ferrero, B., Aimo, G., Pagni, R., Bergamasco, B., Bongioanni, M.R., Bergamini, L., and Durelli, L. Modified and Improved Anti-Acetylcholine Receptor (AChR) Antibody Assay: Comparison of Analytical and Clinical Performance with Conventional Anti-AChR Antibody Assay, 824
Ferrero, C. *See* Carobene, Ferrero, Ceriotti, Modenese, Besozzi, De Giorgi, Franzin, Franzini, Kienle, and Magni
Ferri, C. *See* De Angelis, Riscazzi, Salvini, Piccoli, Ferri, and Santucci
Ferrie, R.M. *See* Gibson, Gillard, Whitcombe, Ferrie, Newton, and Little
Fiedler, F. *See* Keim, Teich, Reich, Fiedler, and Mössner
Fiedler, P.N. *See* Wu, Feng, Nadelman, Acampora, and Fiedler
Fiedler, W. *See* Dahse, Fiedler, and Ernst
Fields, B.S. *See* Messmer, Whitney, and Fields
Fields, G.B. Mass-Spectrometric Approaches for DNA-Based Genetic Screening (editorial), 1108
Fields, M., Bureau, I., and Lewis, C.G. Ferritin Is Not an Indicator of Available Hepatic Iron Stores in Anemia of Copper Deficiency in Rats (tech brief), 1457
Fiet, J. *See* Aubin, Le Brun, Moldovan, Villette, Créminon, Dumas, Homyrda, Soliman, Azizi, and Fiet
Fiet, J. *See* Morineau, Boudi, Barka, Gourmelen, Degeilh, Hardy, Al-Halnak, Soliman, Gosling, Julien, Brerault, Boudou, Aubert, Villette, Pruna, Galons, and Fiet
Fiet, J. *See* Morineau, Gosling, Patricot, Soliman, Boudou, Al Halnak, Le Brun, Brérault, Julien, Villette, and Fiet
Filler, G., Witt, I., Priem, F., Ehrich, J.H.H., and Jung, K. Are Cystatin C and β_2-Microglobulin Better Markers than Serum Creatinine for Prediction of a Normal Glomerular Filtration Rate in Pediatric Subjects? (tech brief), 1077
Filtenborg, J.A. *See* Stahl, Brandslund, Iversen, and Filtenborg
Findlay, I. *See* Tóth, Findlay, Nagy, and Papp
Finke, A. *See* Kobold, Jeppsson, Dülffer, Finke, Hoelzel, and Miedema
Finlay, J.A. *See* Qian, Sensibar, Zelner, Schaeffer, Finlay, Rittenhouse, and Lee
Finney, H., Newman, D.J., Gruber, W., Merle, P., and Price, C.P. Initial Evaluation of Cystatin C Measurement by Particle-Enhanced Immunonephelometry on the Behring Nephelometer Systems (BNA, BN II), 1016
Fisher, S.I., Haga, J.A., Castleberry, S.M., Hall, R.B., and Thompson, W.C. Validation of an Automated HPLC Method for Quantification of Hemoglobin S (tech brief), 1667
FitzGerald, P. *See* Lamont, Campbell, and FitzGerald
FitzGerald, P. *See* Lamont, Campbell, and FitzGerald
Fitzgerald, R.L. and Herold, D.A. Ciba Corning ACS:180 Direct Total Testosterone Assay Can Be Used on Female Sera (letter, reply), 1467
Fitzgerald, R.L., Herold, D.A., and Yergey, A.L. Trade-offs in Mass Spectrometry (editorial), 915
Fleck, A. *See* Akintola, Sampson, Burrin, Fleck, Price, and Hall
Follas, W.D. Clinical Chemistry: A Scientific and Management Infobase, A. Pesce, L.A. Kaplan (book review), 418
Folsom, A.R. *See* Garg, Zheng, Folsom, Moyer, Tsai, McGovern, and Eckfeldt
Fontanille, P.D. *See* Jourdil, Fontanille, and Bessard
Fontenot, T.B. *See* Smith, Davis-Street, Fontenot, and Lane
Foos, J. *See* D'Orazio, Maley, McCaffrey, Chan, Orvedahl, Foos, Blake, Degnan, Benco, Murphy, Edelman, and Ludi
Forrest, A.R.W. *See* Yukawa, Suzuoka, Saito, Forrest, Osawa, and Takeichi
Fortina, P., Cheng, J., Shoffner, M.A., Surrey, S., Hitchcock, W.M., Kricka, L.J., and Wilding, P. Diagnosis of Duchenne/Becker Muscular Dystrophy and Quantitative Identification of Carrier Status by Use of Entangled Solution Capillary Electrophoresis, 745
Fottrell, P.F. *See* Tamate, Charleton, Gosling, Egan, Ishikawa, Fottrell, and Kane
Foubert, L. *See* Heshmati, Touitou, Foubert, Young, Bruckert, and Turpin
Fourlinnie, J. *See* Dancoine, Couplet, Buvat, Guittard, Marcolin, and Fourlinnie
Fox, P.C. *See* Gniewek, Sandbulte, and Fox
Fracasso, P.M. *See* Scott, Hock, Crimmins, and Fracasso
Francœur, M. *See* [illegible]ng, Troncy, Francœur, Vinet, Vinay, Czaika, and Blaise
François, G. *See* Sadeg, François, Petit, Dutertre-Catella, and Dumontet
Franke, A. Isoflavone Content of Breast Milk and Soy Formulas: Benefits and Risks (letter), 850
Franke, W.W. and Berendonk, B. Hormonal Doping and Androgenization of Athletes: A Secret Program of the German Democratic Republic Government, 1262
Frantzen, F., Grimsrud, K., Heggli, D.-E., Faaren, A.L., Lovli, T., and Sundrehagen, E. Glycohemoglobin Filter Assay for Doctors' Offices Based on Boronic Acid Affinity Principle, 2390
Franzin, M. *See* Carobene, Ferrero, Ceriotti, Modenese, Besozzi, De Giorgi, Franzin, Franzini, Kienle, and Magni
Franzini, C. *See* Carobene, Ferrero, Ceriotti, Modenese, Besozzi, De Giorgi, Franzin, Franzini, Kienle, and Magni
Fratta, M. *See* Cioffi, Molinari, Gazzerro, Di Finizio, Fratta, Deufemia, and Puca
Freedman, M.S. *See* Melegos, Freedman, and Diamandis
Freeze, H.H. *See* Etchison and Freeze
French, C.M. *See* Woodrum, French, Hill, Roman, Slatore, Shaffer, York, Eure, Loveland, Gasior, Southwick, and Shamel
Fried, M.W. *See* Elin, Fried, Sampson, Ruddel, Kleiner, and DiBisceglie
Friedman, K.J. *See* Rohlfs, Learning, Friedman, Couch, Weber, and Silverman
Frobert, Y. *See* Taran, Frobert, Créminon, Grassi, Olichon, Mioskowski, and Pradelles
Fu, P.C. DNA Simplified: the Hitchhiker's Guide to DNA, D.H. Farkas (book review), 1102
Fuchs, D. *See* Widner, Werner, Schennach, Wachter, and Fuchs
Fujimuro, M. *See* Takada, Nazu, Hibi, Tsukada, Shibasaki, Fujise, Fujimuro, Sawada, Yokosawa, and Ohkawa
Fujise, K. *See* Takada, Nazu, Hibi, Tsukada, Shibasaki, Fujise, Fujimuro, Sawada, Yokosawa, and Ohkawa
Fukatsu, T. *See* Morishita, Nakane, Fukatsu, Nakashima, Tsuji, Soya, Yoneda, Asano, and Kawamura
Fulton, R.J., McDade, R.L., Smith, P.L., Kienker, L.J., and Kettman, J.R., Jr. Advanced Multiplexed Analysis with the FlowMetrix™ System., 1749
Fung, S. *See* Baron, Fung, Aydin, Bähring, Jeschke, Luft, and Schuster

G

Gabriele, A.L. *See* Muglia, Leone, Annesi, Gabriele, Imbrogno, Grandinetti, Conforti, Naso, and Brancati
Galactéros, F. *See* Riou, Godart, Hurtrel, Mathis, Bimet, Bardakdjian-Michau, Préhu, Wajcman, and Galactéros
Galanti, L.M. Specificity of Salivary Thiocyanate as Marker of Cigarette Smoking Is Not Affected by Alimentary Sources (tech brief), 184
Galimany, R. *See* Biosca, Ricós, Jiménez, Lauzurica, and Galimany
Gallacher, G. *See* Harwood, Little, Gallacher, Perrett, Edwards, and Dawnay
Gallego-Valdes, M. *See* Muñoz-Perez, Sarrion-Pelous, Jimenez-Jimenez, Martinez-Montiel, and Gallego-Valdes
Galli, L. *See* D'Angelo, Galli, and Lang
Galons, H. *See* Morineau, Boudi, Barka, Gourmelen, Degeilh, Hardy, Al-Halnak, Soliman, Gosling, Julien, Brerault, Boudou, Aubert, Villette, Pruna, Galons, and Fiet
Galpchian, V. *See* Harris, Galpchian, Thomas, Iannotti, Law, and Rifai
Gambino, R. C-Reactive Protein—Undervalued, Underutilized (editorial), 2017
Gambino, R., Desvarieux, E., Orth, M., Matan, H., Ackattupathil, T., Lijoi, W., Wimmer, C., Bower, J., and Gunter, E. The Relation Between Chemically Measured Total Iron-Binding Capacity Concentrations and Immunologically Measured Transferrin Concentrations in Human Serum, 2408
Gámez, C., Ruiz-López, D., Artacho, R., Navarro, M., Puerta, A., and López, C. Serum Selenium in Institutionalized Elderly Subjects and Relation to Other Nutritional Markers (letter), 693
Ganev, V. *See* Markoff, Savoy, Vladimirov, Bogdanova, Kremensky, and Ganev
Garay-Sevilla, Ma. E. *See* Wróbel, Wróbel, Garay-Sevilla, Nava, and Malacara
Garber, C.C. and Witte, D.L. Quality for Tomorrow: By Design or by Checking?, 864
García-Merlo, S. *See* Rivero-Marcotegui, Larrañaga-Azcárate, Ceres-Ruiz, and García-Merlo
Garg, U.C., Zheng, Z.-J., Folsom, A.R., Moyer, Y.S., Tsai, M.Y., McGovern, P., and Eckfeldt, J.H. Short-Term and Long-Term Variability of Plasma Homocysteine Measurement, 141
Garry, P.J. Laboratory Medicine and the Aging Process, J.A. Knight (book review), 2444
Garside, D. *See* Ropero-Miller, Garside, and Goldberger
Gasior, G.H. *See* Woodrum, French, Hill, Roman, Slatore, Shaffer, York, Eure, Loveland, Gasior, Southwick, and Shamel
Gasser, F. *See* Sapin, Gasser, d'Herbomez, Wemeau, Ebert, and Schlienger
Gawryl, M. *See* Ma, Monk, Goodnough, McClellan, Gawryl, Clark, Moreira, Keipert, and Scott
Gawryl, M.S. *See* Callas, Clark, Moreira, Lansden, Gawryl, Kahn, and Bermes
Gawryl, M.S. *See* Moreira, Lansden, Clark, and Gawryl
Gawryl, M.S. *See* Moreira, Lansden, Clark, and Gawryl
Gawryl, M.S. *See* Sarkozi, Jacobs, Clark, Gawryl, and Simson
Gazzanelli, G. *See* Mannello, Miragoli, Bianchi, and Gazzanelli
Gazzanelli, G. *See* Mannello, Miragoli, Bianchi, and Gazzanelli
Gazzanelli, G. *See* Mannello, Sebastiani, Amati, and Gazzanelli
Gazzerro, P. *See* Cioffi, Molinari, Gazzerro, Di Finizio, Fratta, Deufemia, and Puca
Gelfi, C. *See* Carrera, Barbieri, Ferrari, Righetti, Perego, and Gelfi
Gelmini, S., Orlando, C., Sestini, R., Vona, G., Pinzani, P., Ruocco, L., and Pazzagli, M. Quantitative Polymerase Chain Reaction-Based Homogeneous Assay with Fluorogenic Probes

to Measure c-*erb*B-2 Oncogene Amplification, 752
George, P.M. *See* Ridgway, Brennan, Fellowes, and George
Gerhardt, W. *See* Baum, Braun, Gerhardt, Gilson, Hafner, Müller-Bardorff, Stein, Klein, Ebert, Hallermayer, and Katus
Gerhardt, W. *See* Müller-Bardorff, Hallermayer, Schröder, Ebert, Borgya, Gerhardt, Remppis, Zehelein, and Katus
Gerlo, E. and Gorus, F. Calibration of Ion-Exchange HPLC Measurements of Glycohemoglobin: Effect on Interassay Precision, 2353
Gibboni, D. *See* Law, Doshi, McGeehan, McGeehan, Gibboni, Nikolioukine, Keane, Zheng, Rao, and Ertingshausen
Giboudeau, J. *See* Le Boucher, Charret, Coudray-Lucas, Giboudeau, and Cynober
Giboudeau, J. *See* Mario, Baudin, Aussel, and Giboudeau
Gibson, N.J., Gillard, H.L., Whitcombe, D., Ferrie, R.M., Newton, C.R., and Little, S. A Homogeneous Method for Genotyping with Fluorescence Polarization, 1336
Gilfix, B.M., Blank, D.W., and Rosenblatt, D.S. Novel Reductant for Determination of Total Plasma Homocysteine (tech brief), 687
Gillard, H.L. *See* Gibson, Gillard, Whitcombe, Ferrie, Newton, and Little
Gil-Martinez, E. *See* Olmedilla, Granado, Gil-Martinez, Blanco, and Rojas-Hidalgo
Gilson, G. *See* Baum, Braun, Gerhardt, Gilson, Hafner, Müller-Bardorff, Stein, Klein, Ebert, Hallermayer, and Katus
Girona, J. *See* Ribalta, LaVille, Girona, Vallvé, and Masana
Gitlin, N. Hepatitis B: Diagnosis, Prevention, Treatment, 1500
Glatz, J.F.C. *See* Górski, Hermens, Borawski, Mysliwiec, and Glatz
Gniewek, R.A., Sandbulte, C., and Fox, P.C. Comparison of Antinuclear Antibody Testing Methods by ROC Analysis with Reference to Disease Diagnosis (tech brief), 1987
Go, M. *See* Reyes, Carrera, Cardillo, Ugozzoli, Lowery, Lin, Go, Ferrari, and Wallace
Godart, C. *See* Riou, Godart, Hurtrel, Mathis, Bimet, Bardakdjian-Michau, Préhu, Wajcman, and Galactéros
Goldberger, B.A. *See* Ropero-Miller, Garside, and Goldberger
Goldman, S. *See* Dethy, Laute, Van Blercom, Damhaut, Goldman, and Hildebrand
González-Sastre, F. *See* Planella, Cortés, Martínez-Brú, González-Sastre, and Ordóñez-Llanos
Goodman, B. *See* Gudmundsson, Ershler, Goodman, Lent, Barczi, and Carnes
Goodnough, L.T. *See* Despotis, Joist, and Goodnough
Goodnough, L.T. *See* Ma, Monk, Goodnough, McClellan, Gawryl, Clark, Moreira, Keipert, and Scott
Goodnough, L.T. *See* Scott, Kucik, Goodnough, and Monk
Goolsby, K. *See* Hortin and Goolsby
Gordon, R.F. and McDade, R.L. Multiplexed Quantification of Human IgG, IgA, and IgM with the FlowMetrix™ System, 1799
Gorgels, J.P.M.C. *See* de Winter, Koster, van Straalen, Gorgels, Hoek, and Sanders
Górski, J., Hermens, W.T., Borawski, J., Mysliwiec, M., and Glatz, J.F.C. Increased Fatty Acid-Binding Protein Concentration in Plasma of Patients with Chronic Renal Failure (letter), 193
Gorus, F. *See* Gerlo and Gorus
Gosling, J. *See* Morineau, Gosling, Patricot, Soliman, Boudou, Al Halnak, Le Brun, Brérault, Julien, Villette, and Fiet
Gosling, J.P. *See* Morineau, Boudi, Barka, Gourmelen, Degeilh, Hardy, Al-Halnak, Soliman, Gosling, Julien, Brerault, Boudou, Aubert, Villette, Pruna, Galons, and Fiet
Gosling, J.P. *See* Tamate, Charleton, Gosling, Egan, Ishikawa, Fottrell, and Kane
Gosselin, R.C., Larkin, E., Owings, J.T., and Coehlo, P. CryoSeal™ System, a New Device for Generating Cryoprecipitate from Plasma, 1782
Gosselin, R.C., Owings, J.T., Larkin, E., and Cannon, J. Summary Evaluation of the Sysmex CA-6000 Coagulation Analyzer, 1783
Gosselin, R.C., Owings, J.T., Larkin, E., White, R.H., Hutchinson, R., and Branch, J. Monitoring Oral Anticoagulant Therapy with Point-of-Care Devices: Correlations and Caveats, 1785
Gouget, B. *See* Gourlain, Buneaux, Borron, Gouget, and Levillain
Gourlain, H., Buneaux, F., Borron, S.W., Gouget, B., and Levillain, P. Interference of Methylene Blue with CO-Oximetry of Hemoglobin Derivatives (tech brief), 1078
Gourmelen, M. *See* Morineau, Boudi, Barka, Gourmelen, Degeilh, Hardy, Al-Halnak, Soliman, Gosling, Julien, Brerault, Boudou, Aubert, Villette, Pruna, Galons, and Fiet
Grace, A.M. *See* Ishikawa, Saffitz, Mealman, Grace, and Roberts
Granado, F. *See* Olmedilla, Granado, Gil-Martinez, Blanco, and Rojas-Hidalgo
Grandinetti, C. *See* Muglia, Leone, Annesi, Gabriele, Imbrogno, Grandinetti, Conforti, Naso, and Brancati
Grandjean, P. *See* Andersen, Nielsen, Nielsen, and Grandjean
Grandjean, P. *See* Nielsen, Mikkelsen, Nielsen, Andersen, and Grandjean
Grant, A. *See* Lévesque, Letellier, Dillon, and Grant
Grass, L. *See* Zarghami, Grass, Sauter, and Diamandis
Grassi, J. and Pradelles, P. Immunoassay of Catecholamines and Metabolites (letter, reply), 2011
Grassi, J. *See* Taran, Frobert, Créminon, Grassi, Olichon, Mioskowski, and Pradelles
Graver, L.M. *See* Wilson, Metz, Graver, and Rao
Gray, G. *See* Seddon, Gray, Pollitt, Iitiä, and Green
Gray, G. *See* Hutchesson, Preece, Gray, and Green
Green, A. *See* Hutchesson, Preece, Gray, and Green
Green, A. *See* Seddon, Gray, Pollitt, Iitiä, and Green
Green, B.N. *See* Roberts, Green, and Morris
Green, G.A., IV, Carey, R.N., Westgard, J.O., Carten, T., Shablesky, L., Achord, D., Page, E., and Le, A.V. Quality Control for Qualitative Assays: Quantitative QC Procedure Designed to Assure Analytical Quality Required for an ELISA of Hepatitis B Surface Antigen, 1618
Greiling, H. *See* Kock, Delvoux, and Greiling
Grenier, J. *See* Lopez-Crapez, Chypre, Saavedra, Marchand, and Grenier
Gressner, A.M. *See* Arndt, Hackler, Müller, Kleine, and Gressner
Gressner, A.M. *See* Kropf, Schurek, Wollner, and Gressner
Griesmacher, A., Weigel, G., Seebacher, G., and Müller, M.M. IMP-Dehydrogenase Inhibition in Human Lymphocytes and Lymphoblasts by Mycophenolic Acid and Mycophenolic Acid Glucuronide, 2312
Griffin, A.J. *See* Norden, Jackson, Norden, Griffin, Barnes, and Little
Grimaldi, R. *See* Azzazy, Duh, Maturen, Schaller, Shaw, Grimaldi, Shock, and Christenson
Grimsrud, K. *See* Frantzen, Grimsrud, Heggli, Faaren, Løvli, and Sundrehagen
Gronowski, A.M. *See* Parvin and Gronowski
Groom, B.M. *See* Innanen, Groom, and de Campos
Groth, T. *See* Ellenius, Groth, Lindahl, and Wallentin
Gruber, W. *See* Finney, Newman, Gruber, Merle, and Price
Gudmundsson, A., Ershler, W.B., Goodman, B., Lent, S.J., Barczi, S., and Carnes, M. Serum Concentrations of Interleukin-6 Are Increased When Sampled Through an Indwelling Venous Catheter (tech brief), 2199
Gudnason, V. *See* Humphries, Gudnason, Whittall, and Day
Guichardant, M., Thevenon, C., Pageaux, J.F., and Lagarde, M. Basal Concentrations of Free and Esterified Monohydroxylated Fatty Acids in Human Blood Platelets, 2403
Guittard, C. *See* Dancoine, Couplet, Buvat, Guittard, Marcolin, and Fourlinnie
Gunter, E. *See* Gambino, Desvarieux, Orth, Matan, Ackattupathil, Lijoi, Wimmer, Bower, and Gunter
Gunter, E.W. *See* Bernert, Turner, Pirkle, Sosnoff, Akins, Waldrep, Ann, Covey, Whitfield, Gunter, Miller, Patterson, Needham, Hannon, and Sampson
Guodagno, P. *See* Mohammad, Okorodudu, Bissell, Dow, Reger, Meier, Guodagno, and Petersen
Gusev, N.B. *See* Katrukha, Bereznikova, Esakova, Pettersson, Lövgren, Severina, Pulkki, Vuopio-Pulkki, and Gusev

H

Habbal, Z.M. and Muwakkit, S. Apparent Positive Interference from an Etoposide Metabolite, but Not Etoposide, in Measuring Urinary Vanillylmandelic Acid, 415
Hackler, R. *See* Arndt, Hackler, Müller, Kleine, and Gressner
Hafner, G. *See* Baum, Braun, Gerhardt, Gilson, Hafner, Müller-Bardorff, Stein, Klein, Ebert, Hallermayer, and Katus
Hafner, G. *See* Dati, Hafner, Erbes, Prellwitz, Kraus, Niemann, Noah, and Wagner
Haga, J.A. *See* Fisher, Haga, Castleberry, Hall, and Thompson
Hakala, H. *See* Lövgren, Heinonen, Lehtinen, Hakala, Heinola, Harju, Takalo, Mukkala, Schmid, Lönnberg, Pettersson, and Iitiä
Hale, D.E., Cornell, J.E., and Bennett, M.J. Stability of Long-Chain and Short-Chain 3-Hydroxyacyl-CoA Dehydrogenase Activity in Postmortem Liver, 273
Haliassos, A., Melita-Manolis, H., Aggelaki, D., Tassi, D., and Terzoglou, G. Use of Anti-Xa Activity as a Marker for Heparin-Induced Bleeding in Patients with APTT >180 s, 1781
Hall, G. *See* Akintola, Sampson, Burrin, Fleck, Price, and Hall
Hall, R.B. *See* Fisher, Haga, Castleberry, Hall, and Thompson
Hallaway, B.J. *See* O'Kane, Ebert, Hallaway, Roberts, and Tenner
Hallermayer, K. *See* Baum, Braun, Gerhardt, Gilson, Hafner, Müller-Bardorff, Stein, Klein, Ebert, Hallermayer, and Katus
Hallermayer, K. *See* Müller-Bardorff, Hallermayer, Schröder, Ebert, Borgya, Gerhardt, Remppis, Zehelein, and Katus
Halwachs-Baumann, G., Katzensteiner, S., Schnedl, W., Pürstner, P., Pieber, T., and Wilders-Truschnig, M. Comparative Evaluation of Three Assay Systems for Automated Determination of Hemoglobin A_{1c}, 511
Hamers, M.J.A.G. *See* Stephens, Pedersen, Nielsen, Hamers, Høyer-Hansen, Rønne, Dybkjær, Danø, and Brünner
Hammerman, C. *See* Kaplan, Leiter, Hammerman, and Rudensky
Hanbury, C.M., Miller, W.G., and Harris, R.B. Fiber-Optic Immunosensor for Measurement of Myoglobin, 2128
Handelsman, D.J. *See* Howe and Handelsman
Hanefeld, M. *See* Pietzsch, Julius, and Hanefeld
Hanna, A.N., Waldman, W.J., Lott, J.A., Koesters, S.C., Hughes, A.M., and Thornton, D.J. Increased Alkaline Phosphatase Isoforms in Autoimmune Diseases, 1357
Hannak, D. *See* Scholer, Boecker, Engelmayer, Feldmann, Hannak, Kattermann, Oellerich, Raith, Schlebusch, Wieland, Willems, Jarausch, and Domke

Hannestad, U. and Lundblad, A. Accurate and Precise Isotope Dilution Mass Spectrometry Method for Determining Glucose in Whole Blood, 794
Hannon, W.H. *See* Bernert, Turner, Pirkle, Sosnoff, Akins, Waldrep, Ann, Covey, Whitfield, Gunter, Miller, Patterson, Needham, Hannon, and Sampson
Hardy, N. *See* Morineau, Boudi, Barka, Gourmelen, Degeilh, Hardy, Al-Halnak, Soliman, Gosling, Julien, Brerault, Boudou, Aubert, Villette, Pruna, Galons, and Fiet
Harju, R. *See* Lövgren, Heinonen, Lehtinen, Hakala, Heinola, Harju, Takalo, Mukkala, Schmid, Lönnberg, Pettersson, and Iitiä
Harris, N., Galpchian, V., Thomas, J., Iannotti, E., Law, T., and Rifai, N. Three Generations of High-Density Lipoprotein Cholesterol Assays Compared with Ultracentrifugation/Dextran Sulfate–Mg^{2+} Method, 816
Harris, R.B. *See* Hanbury, Miller, and Harris
Hart, G.A.M. *See* Bonfrer, Korse, Verstraeten, van Kamp, Hart, and Kenemans
Hartman, N.F. *See* Schneider, Edwards, and Hartman
Harwood, S., Little, J.A., Gallacher, G., Perrett, D., Edwards, R., and Dawnay, A. Development of Enzyme Immunoassay for Endogenous Ouabain-Like Compound in Human Plasma, 715
Hassemer, D.J. *See* McNamara, Leary, Ceriotti, Boersma-Cobbaert, Cole, Hassemer, Nakamura, Packard, Seccombe, Kimberly, Myers, and Cooper
Hassoun, A. *See* Leal, Dupret, Hassoun, and Wallemacq
Hassoun, A. *See* Wallemacq, Leal, Besse, Squifflet, Reding, Otte, Lerut, and Hassoun
Hatton, C.K. *See* Catlin, Hatton, and Starcevic
Hauck, S. *See* Luppa, Brückner, Schwab, Hauck, Schmidmayr, Birkmayer, Paulus, and Hauptmann
Hauptmann, H. *See* Luppa, Brückner, Schwab, Hauck, Schmidmayr, Birkmayer, Paulus, and Hauptmann
Hayes, T.E. *See* Macy, Hayes, and Tracy
Heath, A. *See* Thorpe, Walker, Arosio, Heath, Cook, and Worwood
Hedges, J.R. Cardiac Enzyme Availability and Hospital Length of Stay (editorial), 249
Heggli, D.-E. *See* Frantzen, Grimsrud, Heggli, Faaren, Løvli, and Sundrehagen
Heine, R.J. *See* Scheffer, Bakker, Heine, and Teerlink
Heinola, J. *See* Lövgren, Heinonen, Lehtinen, Hakala, Heinola, Harju, Takalo, Mukkala, Schmid, Lönnberg, Pettersson, and Iitiä
Heinonen, P., Iitiä, A., Torresani, T., and Lövgren, T. Simple Triple-Label Detection of Seven Cystic Fibrosis Mutations by Time-Resolved Fluorometry, 1142
Heinonen, P. *See* Lövgren, Heinonen, Lehtinen, Hakala, Heinola, Harju, Takalo, Mukkala, Schmid, Lönnberg, Pettersson, and Iitiä
Helmerson, K., Kishore, R., Phillips, W.D., and Weetall, H.H. Optical Tweezers-Based Immunosensor Detects Femtomolar Concentrations of Antigens, 379
Henderson, A.R. Evidence-Based Medicine—How to Practice and Teach EBM, D.L. Sackett, W.S. Richardson, W. Rosenberg, R.B. Haynes (book review), 2014
Henderson, B.G., Wenham, P.R., Ashby, J.P., and Blundell, G. Detecting Familial Defective Apolipoprotein B-100: Three Molecular Scanning Methods Compared, 1630
Henttu, P. *See* Herrala, Kurkela, Porvari, Isomäki, Henttu, and Vihko
Herbert, K. *See* Wu, Feng, Roper, Herbert, and Schweizer
Herion, D. *See* Hristova, Rehak, Cecco, Ruddel, Herion, Eckardt, Linnoila, and Elin
Hermens, W.T. *See* Görski, Hermens, Borawski, Mysliwiec, and Glatz
Herold, D.A. *See* Fitzgerald and Herold
Herold, D.A. *See* Fitzgerald, Herold, and Yergey
Herrala, A., Kurkela, R., Porvari, K., Isomäki, R., Henttu, P., and Vihko, P. Human Prostate-Specific Glandular Kallikrein Is Expressed As an Active and an Inactive Protein, 279
Herrick, M.V. *See* Clemens, Herrick, Singer, and Eyre
Hershman, J. E. and Berg, L. Rapid Qualitative TSH Test to Screen for Primary Hypothyroidism (letter), 1097
Herviaux, P. *See* Souberbielle, Marque, Bonnet, Herviaux, and Sachs
Hervig, T. *See* Mansoor, Kristensen, Hervig, Drabløs, Stakkestad, Woie, Hetland, and Osland
Herzog, C.A. *See* McLaurin, Apple, Voss, Herzog, and Sharkey
Heshmati, H.M., Touitou, Y., Foubert, L., Young, W.F., Jr., Bruckert, E., and Turpin, G. Serum Neuron-Specific Enolase in Patients with Pituitary Adenoma (tech brief), 540
Hess, P. Molecular Diagnosis of Genetic Diseases, R. Elles. (book review), 700
Hessels, M. *See* Demacker, Hessels, Toenhake-Dijkstra, and Baadenhuijsen
Hetland, Ø. *See* Mansoor, Kristensen, Hervig, Drabløs, Stakkestad, Woie, Hetland, and Osland
Hibi, N. *See* Takada, Nazu, Hibi, Tsukada, Shibasaki, Fujise, Fujimuro, Sawada, Yokosawa, and Ohkawa
Hickey, D.P. *See* Tormey and Hickey
Hickman, P.E., Potter, J.M., and Pesce, A.J. Clinical Chemistry and Post-Liver-Transplant Monitoring, 1546
Hildebrand, J. *See* Dethy, Laute, Van Blercom, Damhaut, Goldman, and Hildebrand
Hilgers, J. *See* Bon, von Mensdorff-Pouilly, Kenemans, van Kamp, Verstraeten, Hilgers, Meijer, and Vermorken
Hill, T.M. *See* Woodrum, French, Hill, Roman, Slatore, Shaffer, York, Eure, Loveland, Gasior, Southwick, and Shamel
Hillman, S.L. *See* Chace, Hillman, Van Hove, and Naylor
Hinckley, C.M. Defining the Best Quality-Control Systems by Design and Inspection, 873
Hirany, S.V. *See* Maitra, Hirany, and Jialal
Hishida, H. *See* Ishii, Wang, Naruse, Taga, Kinoshita, Kurokawa, Iwase, Kondo, Nomura, Nagamura, Watanabe, Hishida, Tanaka, and Kawamura
Hitchcock, W.M. *See* Fortina, Cheng, Shoffner, Surrey, Hitchcock, Kricka, and Wilding
Hock, K.G. *See* Scott, Hock, Crimmins, and Fracasso
Hoek, F.J. *See* de Winter, Koster, van Straalen, Gorgels, Hoek, and Sanders
Hoelzel, W. *See* Kobold, Jeppsson, Dülffer, Finke, Hoelzel, and Miedema
Hoet, P. and Lison, D. A Nonoccupational Source of Mercury Intoxication (letter), 1248
Hoffmann, J.J.M.L. and Janssen, W.C.M. HLA-B27 Phenotyping with Flow Cytometry: Further Improvement by Multiple Monoclonal Antibodies, 1975
Hoffmann, T.J. *See* Li, Hoffmann, Hsieh, Malik, and Watson
Hogan, N.S. *See* Taylor, Hogan, Lynch, Johnson, and Pond
Holland, C.V. *See* Crofton, Wade, Taylor, and Holland
Holman, R.R. *See* Cull, Manley, Stratton, Neil, Ross, Holman, Turner, and Matthews
Holman, T.L. *See* Perry, MacIndoe, Yates, Scott, and Holman
Holmstrom, V. *See* Roberts, Calcote, De, Holmstrom, Narlock, and Apple
Holownia, P., Bishop, E., Newman, D.J., John, W.G., and Price, C.P. Adaptation of Latex-Enhanced Assay for Percent Glycohemoglobin to a Dade Dimension® Analyzer, 76
Holownia, P. *See* Thakkar, Newman, Holownia, Davey, Wang, Lloyd, Craig, and Price
Homyrda, L. *See* Aubin, Le Brun, Moldovan, Villette, Créminon, Dumas, Homyrda, Soliman, Azizi, and Fiet
Honauer, G. *See* Nauck, März, Jarausch, Cobbaert, Sägers, Bernard, Delanghe, Honauer, Lehmann, Oestrich, von Eckardstein, Walch, Wieland, and Assmann
Hong, S.H., Park, W.H., Lee, C.C., Song, J.H., and Kim, J.Q. Association Between Genetic Variations of Apo AI-CIII-AIV Cluster Gene and Hypertriglyceridemic Subjects, 13
Hoogerbrugge, N. *See* Cobbaert, Arentsen, Mulder, Hoogerbrugge, and Lindemans
Hopfer, S.M. *See* Makowski and Hopfer
Hoppensteadt, D.A., Kahn, S., and Fareed, J. Factor X Values as a Means to Assess the Extent of Oral Anticoagulation in Patients Receiving Antithrombin Drugs, 1786
Hopwood, J.J. *See* Meikle, Brooks, Ravenscroft, Yan, Williams, Jaunzems, Chataway, Karageorgos, Davey, Boulter, Carlsson, and Hopwood
Hornez, L. *See* Révillion, Hornez, and Peyrat
Hortin, G.L. and Goolsby, K. Lipemia Interference with a Rate-Blanked Creatinine Method (tech brief), 408
Hosaki, S. *See* Okazaki, Sasamoto, Muramatsu, and Hosaki
Hosler, G. *See* Bai, Hosler, Rogers, Dawson, and Scheuermann
Hovingh, A. *See* van Norren, Borggreven, Hovingh, Willems, de Boo, Elving, Berden, and De Pont
Howe, C.J. and Handelsman, D.J. Use of Filter Paper for Sample Collection and Transport in Steroid Pharmacology, 1408
Høyer-Hansen, G. *See* Stephens, Pedersen, Nielsen, Hamers, Høyer-Hansen, Rønne, Dybkjær, Danø, and Brünner
Hristova, E.N., Rehak, N.N., Cecco, S., Ruddel, M., Herion, D., Eckardt, M., Linnoila, M., and Elin, R.J. Serum Ionized Magnesium in Chronic Alcoholism: Is It Really Decreased?, 394
Hsieh, P.-Y. *See* Li, Hoffmann, Hsieh, Malik, and Watson
Hsiung, C.-S., Andrade, J.D., Costa, R., and Ash, K.O. Minimizing Interferences in the Quantitative Multielement Analysis of Trace Elements in Biological Fluids by Inductively Coupled Plasma Mass Spectrometry, 2303
Hsu, S.H.-J. and Tsai, K.-S. Different Age-Related Trends of Bone and Nonbone Forms of Alkaline Phosphatase in Chinese Men and Women (tech brief), 186
Huang, X.-H., Salomäki, A., Malin, R., Koivula, T., Jokela, H., and Lehtimäki, T. Rapid Identification of Angiotensin-Converting Enzyme Genotypes by Capillary Electrophoresis (tech brief), 2195
Huang, Y.-C., Kao, J.-T., and Tsai, K.-S. Evaluation of Two Homogeneous Methods for Measuring HDL Cholesterol, 1048
Hughes, A.M. *See* Hanna, Waldman, Lott, Koesters, Hughes, and Thornton
Huguet, F. *See* Mérillon, Fauconneau, Waffo Teguo, Barrier, Vercauteren, and Huguet
Huh, J.W. *See* Min, Lee, and Huh
Huisman, T.H.J. Combinations of β Chain Abnormal Hemoglobins with Each Other or with β-Thalassemia Determinants with Known Mutations: Influence on Phenotype, 1850
Humphries, S.E., Gudnason, V., Whittall, R., and Day, I.N.M. Single-Strand Conformation Polymorphism Analysis with High-Throughput Modifications, and Its Use in Mutation Detection in Familial Hypercholesterolemia, 427
Hurst, D.T. *See* Coutts, Kicman, Hurst, and Cowan
Hurtrel, D. *See* Riou, Godart, Hurtrel, Mathis, Bimet, Bardakdjian-Michau, Préhu, Wajcman, and Galactéros
Hušek, P. Urine Organic Acid Profiling by Capillary Gas Chromatography After a Simple Sample Pretreatment, 1999
Hutchesson, A., Preece, M.A., Gray, G., and Green, A. Measurement of Lactate in Cerebrospinal Fluid in Investigation of Inherited Metabolic Disease, 158

Hutchinson, R. *See* Gosselin, Owings, Larkin, White, Hutchinson, and Branch

I

Iannotti, E. *See* Harris, Galpchian, Thomas, Iannotti, Law, and Rifai
Ichikawa, Y. *See* Ishikawa, Ichikawa, Miura, Momiyama, Keller, Koo, Akitaya, Shimada, and Mitsuhashi
Iitiä, A. *See* Heinonen, Iitiä, Torresani, and Lövgren
Iitiä, A. *See* Lövgren, Heinonen, Lehtinen, Hakala, Heinola, Harju, Takalo, Mukkala, Schmid, Lönnberg, Pettersson, and Iitiä
Iitiä, A. *See* Seddon, Gray, Pollitt, Iitiä, and Green
Imbenotte, M. *See* Maschke, Azaroual, Wieruszeski, Lippens, Imbenotte, Mathieu, Vermeersch, and Lhermitte
Imbrogno, E. *See* Muglia, Leone, Annesi, Gabriele, Imbrogno, Grandinetti, Conforti, Naso, and Brancati
Innanen, V.T., Groom, B.M., and de Campos, F.M. Microalbumin and Freezing (letter), 1093
Inoue, K., Suzuki, Y., Yajima, S., Shimozawa, N., Orii, T., and Kondo, N. Very Long Chain Fatty Acid Analysis of Dried Blood Spots on Filter Paper to Screen for Adrenoleukodystrophy (tech brief), 2197
Invernizzi, L. *See* De Bellis, Salani, Panigone, Betti, Invernizzi, and Luzzana
Ip, M.P. *See* Chen, Xu, and Ip
Irjala, K. *See* Suominen, Punnonen, Rajamäki, and Irjala
Ishii, J., Wang, J.-H., Naruse, H., Taga, S., Kinoshita, M., Kurokawa, H., Iwase, M., Kondo, T., Nomura, M., Nagamura, Y., Watanabe, Y., Hishida, H., Tanaka, T., and Kawamura, K. Serum Concentrations of Myoglobin vs Human Heart-Type Cytoplasmic Fatty Acid-Binding Protein in Early Detection of Acute Myocardial Infarction, 1372
Ishii, S. *See* Yamada, Yagihashi, Ishii, Tanemura, Kida, Watanabe, and Niitsu
Ishikawa, J. *See* Maekawa, Sudo, Dey, Ishikawa, Izumi, Kotani, and Kanno
Ishikawa, M. *See* Tamate, Charleton, Gosling, Egan, Ishikawa, Fottrell, and Kane
Ishikawa, T., Ichikawa, Y., Miura, Y., Momiyama, M., Keller, C., Koo, K., Akitaya, T., Shimada, H., and Mitsuhashi, M. Construction of cDNA Bank from Biopsy Specimens for Multiple Gene Analysis of Cancer, 764
Ishikawa, Y., Saffitz, J.E., Mealman, T.L., Grace, A.M., and Roberts, R. Reversible Myocardial Ischemic Injury Is Not Associated with Increased Creatine Kinase Activity in Plasma, 467
Isomäki, R. *See* Herrala, Kurkela, Porvari, Isomäki, Henttu, and Vihko
Ivarsen, P. *See* Carstens, Jensen, Ivarsen, Rasmussen, and Pedersen
Iversen, S. *See* Stahl, Brandslund, Iversen, and Filtenborg
Iwase, M. *See* Ishii, Wang, Naruse, Taga, Kinoshita, Kurokawa, Iwase, Kondo, Nomura, Nagamura, Watanabe, Hishida, Tanaka, and Kawamura
Iyama, S. *See* Yamanishi, Kimura, Iyama, Yamaguchi, and Yanagihara
Izquierdo, J.M. *See* Sotorrío, Quirós, and Izquierdo
Izumi, M. *See* Maekawa, Sudo, Dey, Ishikawa, Izumi, Kotani, and Kanno

J

Jackson, R.A. *See* Norden, Jackson, Norden, Griffin, Barnes, and Little
Jacob, M. *See* Rashed, Bucknall, Little, Awad, Jacob, Alamoudi, Alwattar, and Ozand
Jacob, P., III *See* Everhart, Cheung, Shwonek, Zabel, Tisdale, Jacob, Mendelson, and Jones
Jacobs, E. *See* Sarkozi, Jacobs, Clark, Gawryl, and Simson
Jafari, S. *See* Siegelman, Mohabeer, Fahey, Tomlinson, Mayambala, Jafari, Noll, Thibodeau, and Dawson
Jamart, J. *See* Osselaer, Jamart, and Scheiff
Janssen, W.C.M. *See* Hoffmann and Janssen
Janssens, J. *See* Doelman, Siebelder, Nijhof, Weykamp, Janssens, and Penders
Janssen-Zijlstra, F.S.M. *See* Jira, de Jong, Janssen-Zijlstra, Wendel, and Wevers
Jansson, C., Boguszewski, C., Rosberg, S., Carlsson, L., and Albertsson-Wikland, K. Growth Hormone (GH) Assays: Influence of Standard Preparations, GH Isoforms, Assay Characteristics, and GH-Binding Protein, 950
Jarausch, J. *See* Nauck, März, Jarausch, Cobbaert, Sägers, Bernard, Delanghe, Honauer, Lehmann, Oestrich, von Eckardstein, Walch, Wieland, and Assmann
Jarausch, J. *See* Scholer, Boecker, Engelmayer, Feldmann, Hannak, Kattermann, Oellerich, Raith, Schlebusch, Wieland, Willems, Jarausch, and Domke
Jarett, L. *See* Young, Berwick, and Jarett
Jaunzems, A.E. *See* Meikle, Brooks, Ravenscroft, Yan, Williams, Jaunzems, Chataway, Karageorgos, Davey, Boulter, Carlsson, and Hopwood
Jenkins, D. *See* Ju, Leung, Brown, Stringer, Leigh, Scherrer, Shepard, Jenkins, Knudsen, and Cannon
Jensen, K.T. *See* Carstens, Jensen, Ivarsen, Rasmussen, and Pedersen
Jeppsson, J.-O. *See* Kobold, Jeppsson, Dülffer, Finke, Hoelzel, and Miedema
Jeschke, E. *See* Baron, Fung, Aydin, Bähring, Jeschke, Luft, and Schuster
Ji, H. *See* Rong, Deftos, Ji, and Bucht
Ji, H. *See* Rong, Ji, Pernow, Sjöstedt, and Bucht
Jialal, I. *See* Maitra, Hirany, and Jialal
Jiménez, C.V. *See* Biosca, Ricós, Jiménez, Lauzurica, and Galimany
Jimenez-Jimenez, J. *See* Muñoz-Perez, Sarrion-Pelous, Jimenez-Jimenez, Martinez-Montiel, and Gallego-Valdes
Jira, P.E., de Jong, J.G.N., Janssen-Zijlstra, F.S.M., Wendel, U., and Wevers, R.A. Pitfalls in Measuring Plasma Cholesterol in the Smith–Lemli–Opitz Syndrome, 129
John, W.G., Braconnier, F., Miedema, K., Aulesa, C., and Piras, G. Evaluation of the Menarini–Arkray HA 8140 Hemoglobin A_{1c} Analyzer, 968
John, W.G. *See* Holownia, Bishop, Newman, John, and Price
Johnson, A.G. *See* Taylor, Hogan, Lynch, Johnson, and Pond
Johnson, C.L. *See* Bachorik, Lovejoy, Carroll, and Johnson
Johnson, R., McNutt, P., MacMahon, S., and Robson, R. Use of the Friedewald Formula to Estimate LDL-Cholesterol in Patients with Chronic Renal Failure on Dialysis (tech brief), 2183
Joist, J.H. *See* Despotis, Joist, and Goodnough
Jokela, H. *See* Huang, Salomäki, Malin, Koivula, Jokela, and Lehtimäki
Jones, C. *See* Zehnder, Van Atta, Jones, Sussman, and Wood
Jones, R.T. *See* Everhart, Cheung, Shwonek, Zabel, Tisdale, Jacob, Mendelson, and Jones
Jortani, S.A., Trepanier, D., Yatscoff, R.W., and Valdes, R., Jr Convergence of Three Methods to Resolve Discrepant Immunoassay Digitoxin Results, 1805
Joseph, J. The Laboratory Test Handbook with Key Word Index, 4th ed., D.S. Jacobs, W.R. DeMott, H.J. Grady, R.T. Horvat, D.W. Huestis, B.L. Kasten, Jr., eds (book review), 1674
Jouhanneau, P., Raisbeck, G.M., Yiou, F., Lacour, B., Banide, H., and Drüeke, T.B. Gastrointestinal Absorption, Tissue Retention, and Urinary Excretion of Dietary Aluminum in Rats Determined by Using ^{26}Al, 1023
Jourdil, N.H., Fontanille, P.D., and Bessard, G.M. Concurrent Determination of Second-Generation Antidepressants in Plasma by Using Gas Chromatography with Nitrogen–Phosphorus Detection (tech brief), 2209
Joven, J., Clivillé, X., Camps, J., Espinel, E., Simó, J., Vilella, E., and Oliver, A. Plasma Protein Abnormalities in Nephrotic Syndrome: Effect on Plasma Colloid Osmotic Pressure and Viscosity, 1223
Ju, H.-S.J., Leung, S., Brown, B., Stringer, M.A., Leigh, S., Scherrer, C., Shepard, K., Jenkins, D., Knudsen, J., and Cannon, R. Comparison of Analytical Performance and Biological Variability of Three Bone Resorption Assays, 1570
Julien, R. *See* Morineau, Boudi, Barka, Gourmelen, Degeilh, Hardy, Al-Halnak, Soliman, Gosling, Julien, Brerault, Boudou, Aubert, Villette, Pruna, Galons, and Fiet
Julien, R. *See* Morineau, Gosling, Patricot, Soliman, Boudou, Al Halnak, Le Brun, Brérault, Julien, Villette, and Fiet
Julius, U. *See* Pietzsch, Julius, and Hanefeld
Jung, K. *See* Filler, Witt, Priem, Ehrich, and Jung
Junker, R., Brandt, B., Zechel, C., and Assmann, G. Comparison of Prostate-Specific Antigen (PSA) Measured by Four Combinations of Free PSA and Total PSA Assays, 1588

K

Kaczur, V., Vereb, Gy., Molnár, I., Krajczár, G., Kiss, E., Farid, N. R., and Balázs, Cs. Effect of Anti-Thyroid Peroxidase (TPO) Antibodies on TPO Activity Measured by Chemiluminescence Assay, 1392
Kader, A. and Liu, H. Interference of Anthracycline Derivatives with Measurement of Proteins with BCA (tech brief), 2201
Kaelen, E. *See* Van Damme, Van Velthoven, Kaelen, and Pelssers
Kahan, B.D. *See* Kaplan, Meier-Kriesche, Napoli, and Kahan
Kahn, S. *See* Callas, Clark, Moreira, Lansden, Gawryl, Kahn, and Bermes
Kahn, S. *See* Hoppensteadt, Kahn, and Fareed
Kane, M.M. *See* Tamate, Charleton, Gosling, Egan, Ishikawa, Fottrell, and Kane
Kanitz, R.-D. *See* Renner and Kanitz
Kanno, T. *See* Maekawa, Sudo, Dey, Ishikawa, Izumi, Kotani, and Kanno
Kao, J.-T. *See* Huang, Kao, and Tsai
Kao, P.C. *See* Leung, Dees, Cyr, Schloegel, and Kao
Kaplan, B., Meier-Kriesche, H.-U., Napoli, K., and Kahan, B.D. A Limited Sampling Strategy for Estimating Sirolimus Area-Under-the-Concentration Curve (tech brief), 539
Kaplan, L.A. Introduction and Summary: 1996 NACB Standard of Laboratory Practice, 202
Kaplan, M., Leiter, C., Hammerman, C., and Rudensky, B. Comparison of Commercial Screening Tests for Glucose-6-Phosphate Dehydrogenase Deficiency in the Neonatal Period (tech brief), 1236
Karageorgos, L.E. *See* Meikle, Brooks, Ravenscroft, Yan, Williams, Jaunzems, Chataway, Karageorgos, Davey, Boulter, Carlsson, and Hopwood
Karmatschek, M., Maier, I., Seibel, M.J., Woitge, H.W., Ziegler, R., and Armbruster, F.P. Improved Purification of Human Bone Sialoprotein and Development of a Homologous Radioimmunoassay, 2076
Karmatschek, M. *See* Withold, Armbruster, Karmatschek, and Reinauer
Karon, B.S., Kempe, K.C., and Scott, M.G. Heparin Interference with Sodium and Albumin Assays (letter), 697
Katrukha, A.G., Bereznikova, A.V., Esakova, T.V., Pettersson, K., Lövgren, T., Severina, M.E., Pulkki, K., Vuopio-Pulkki, L.-M., and Gusev, N.B. Troponin I Released in Bloodstream of Patients with Acute Myocardial Infarction Not in Free Form but as Complex, 1379
Kattermann, R. *See* Scholer, Boecker, Engelmayer, Feldmann, Hannak, Kattermann, Oellerich, Raith, Schlebusch, Wieland, Willems, Jarausch, and Domke

Katus, H.A. *See* Baum, Braun, Gerhardt, Gilson, Hafner, Müller-Bardorff, Stein, Klein, Ebert, Hallermayer, and Katus
Katus, H.A. *See* Müller-Bardorff, Hallermayer, Schröder, Ebert, Borgya, Gerhardt, Remppis, Zehelein, and Katus
Katzensteiner, S. *See* Halwachs-Baumann, Katzensteiner, Schnedl, Pürstner, Pieber, and Wilders-Truschnig
Kawamura, K. *See* Ishii, Wang, Naruse, Taga, Kinoshita, Kurokawa, Iwase, Kondo, Nomura, Nagamura, Watanabe, Hishida, Tanaka, and Kawamura
Kawamura, Y. *See* Morishita, Nakane, Fukatsu, Nakashima, Tsuji, Soya, Yoneda, Asano, and Kawamura
Keane, R. *See* Law, Doshi, McGeehan, McGeehan, Gibboni, Nikolioukine, Keane, Zheng, Rao, and Ertingshausen
Keffer, J.H. Point-of-Care Testing and Length of Stay (letter), 859
Keim, V., Teich, N., Reich, A., Fiedler, F., and Mössner, J. Polyclonal Pancreatic Elastase Assay Is Superior to Monoclonal Assay for Diagnosis of Acute Pancreatitis, 2339
Keipert, P.E. *See* Ma, Monk, Goodnough, McClellan, Gawryl, Clark, Moreira, Keipert, and Scott
Keller, C. *See* Ishikawa, Ichikawa, Miura, Momiyama, Keller, Koo, Akitaya, Shimada, and Mitsuhashi
Kema, I.P. *See* Wolthers, Kema, Volmer, Wesemann, Westermann, and Manz
Kempe, K.C., Czeschin, L.I., Yates, K.H., Deuser, S.M., and Scott, M.G. A Hospital System Glucose Meter That Produces Plasma-Equivalent Values from Capillary, Venous, and Arterial Blood, 1803
Kempe, K.C. *See* Karon, Kempe, and Scott
Kemper, M. and Levinson, S.S. Serum Proteins in Clinical Medicine, Vol. 1, Laboratory Section, 1st ed, R. Richie, O. Navolotskaia (book review), 550
Kenagy, D.N. *See* Dietzen, Wilhite, Kenagy, Milliner, Smith, and Landt
Kenemans, P. *See* Bon, von Mensdorff-Pouilly, Kenemans, van Kamp, Verstraeten, Hilgers, Meijer, and Vermorken
Kenemans, P. *See* Bonfrer, Korse, Verstraeten, van Kamp, Hart, and Kenemans
Kenny, M.A. *See* Wu and Kenny
Kessler, M.A., Meinitzer, A., Petek, W., and Wolfbeis, O.S. Microalbuminuria and Borderline-Increased Albumin Excretion Determined with a Centrifugal Analyzer and the Albumin Blue 580 Fluorescence Assay, 996
Kettman, J.R., Jr. *See* Fulton, McDade, Smith, Kienker, and Kettman
Khaw, M.-C. *See* Choong, Koay, Khoo, Khaw, and Sethi
Khoo, K.-L. *See* Choong, Koay, Khoo, Khaw, and Sethi
Khosravi, M.J., Diamandi, A., and Mistry, J. Immunoassay of Insulin-Like Growth Factor Binding Protein-1, 523
Kicman, A. *See* Cowan and Kicman
Kicman, A. *See* Cowan and Kicman
Kicman, A.T. *See* Coutts, Kicman, Hurst, and Cowan
Kida, T. *See* Yamada, Yagihashi, Ishii, Tanemura, Kida, Watanabe, and Niitsu
Kienker, L.J. *See* Fulton, McDade, Smith, Kienker, and Kettman
Kienle, M.G. *See* Carobene, Ferrero, Ceriotti, Modenese, Besozzi, De Giorgi, Franzin, Franzini, Kienle, and Magni
Killeen, A.A. Nucleic Acid Analysis: Principles and Bioapplications. C.A. Dangler. (book review), 197
Killeen, A.A. *See* Petty and Killeen
Kim, J.Q. *See* Hong, Park, Lee, Song, and Kim
Kimberly, M.M. *See* McNamara, Leary, Ceriotti, Boersma-Cobbaert, Cole, Hassemer, Nakamura, Packard, Seccombe, Kimberly, Myers, and Cooper
Kimura, S. *See* Yamanishi, Kimura, Iyama, Yamaguchi, and Yanagihara
Kinoshita, M. *See* Ishii, Wang, Naruse, Taga, Kinoshita, Kurokawa, Iwase, Kondo, Nomura, Nagamura, Watanabe, Hishida, Tanaka, and Kawamura
Kintz, P., Brenneisen, R., Bundeli, P., and Mangin, P. Sweat Testing for Heroin and Metabolites in a Heroin Maintenance Program, 736
Kishore, R. *See* Helmerson, Kishore, Phillips, and Weetall
Kiss, E. *See* Kaczur, Vereb, Molnár, Krajczár, Kiss, Farid, and Balázs
Kitagawa, K. *See* Mitsui, Miyamura, Matsunami, Kitagawa, and Arai
Kivelä, J., Parkkila, S., Waheed, A., Parkkila, A.-K., Sly, W.S., and Rajaniemi, H. Secretory Carbonic Anhydrase Isoenzyme (CA VI) in Human Serum, 2318
Kjeldsen, J., Lassen, J.F., Petersen, P.H., and Brandslund, I. Biological Variation of International Normalized Ratio for Prothrombin Times, and Consequences in Monitoring Oral Anticoagulant Therapy: Computer Simulation of Serial Measurements with Goal-Setting for Analytical Quality, 2175
Kjeldsen, J. *See* Petersen, Stöckl, Blaabjerg, Pedersen, Birkemose, Thienpont, Lassen, and Kjeldsen
Kleesiek, K. *See* Weilke, Brinkmann, and Kleesiek
Klein, G. *See* Baum, Braun, Gerhardt, Gilson, Hafner, Müller-Bardorff, Stein, Klein, Ebert, Hallermayer, and Katus
Kleine, T.O. *See* Arndt, Hackler, Müller, Kleine, and Gressner
Kleiner, D.E. *See* Elin, Fried, Sampson, Ruddel, Kleiner, and DiBisceglie
Klosinski, D. Quality Assurance for Stat Laboratories. J.R. Bailey and R.R. Miller (book review), 1674
Kluijtmans, L.A.J. *See* Ulvik, Refsum, Kluijtmans, and Ueland
Knudsen, J. *See* Ju, Leung, Brown, Stringer, Leigh, Scherrer, Shepard, Jenkins, Knudsen, and Cannon
Koay, E.S.C. *See* Choong, Koay, Khoo, Khaw, and Sethi
Kobold, U., Jeppsson, J.-O., Dülffer, T., Finke, A., Hoelzel, W., and Miedema, K. Candidate Reference Methods for Hemoglobin A_{1c} Based on Peptide Mapping, 1944
Koch, C. *See* Qin, Christiansen, Oxvig, Pettersson, Sottrup-Jensen, Koch, and Nørgaard-Pedersen
Kochar, M.S. *See* Benecky, Post, Schmitt, and Kochar
Kock, R., Delvoux, B., and Greiling, H. Determination of Total Cholesterol in Serum by Liquid Chromatography–Isotope Dilution Mass Spectrometry, 1896
Koesters, S.C. *See* Hanna, Waldman, Lott, Koesters, Hughes, and Thornton
Koguchi, A. *See* Oto, Koguchi, and Yuasa
Koivula, T. *See* Huang, Salomäki, Malin, Koivula, Jokela, and Lehtimäki
Kondo, N. *See* Inoue, Suzuki, Yajima, Shimozawa, Orii, and Kondo
Kondo, T. *See* Ishii, Wang, Naruse, Taga, Kinoshita, Kurokawa, Iwase, Kondo, Nomura, Nagamura, Watanabe, Hishida, Tanaka, and Kawamura
Koo, K. *See* Ishikawa, Ichikawa, Miura, Momiyama, Keller, Koo, Akitaya, Shimada, and Mitsuhashi
Koren, G. Therapeutic Drug Monitoring Principles in the Neonate, 222
Korhonen, J., Alfthan, H., Ylöstalo, P., Veldhuis, J., and Stenman, U.-H. Disappearance of Human Chorionic Gonadotropin and Its α- and β-Subunits After Term Pregnancy, 2155
Korhonen, J. *See* Stenman, Unkila-Kallio, Korhonen, and Alfthan
Kornbrot, N. *See* Zivelin, Rosenberg, Peretz, Amit, Kornbrot, and Seligsohn
Korse, C.M. *See* Bonfrer, Korse, Verstraeten, van Kamp, Hart, and Kenemans
Köster, H. *See* Braun, Little, and Köster
Koster, R.W. *See* de Winter, Koster, van Straalen, Gorgels, Hoek, and Sanders
Kosugi, Y. *See* Numata, Morita, Kosugi, Shibata, Takeuchi, and Uchida
Kotani, K. *See* Maekawa, Sudo, Dey, Ishikawa, Izumi, Kotani, and Kanno
Koultschitski, G. *See* Strasberg, Noreau, McGlynn-Steele, Koultschitski, and Ray
Koyama, A. *See* Nagase, Ohkoshi, Ueda, Aoyagi, and Koyama
Krajczár, G. *See* Kaczur, Vereb, Molnár, Krajczár, Kiss, Farid, and Balázs
Kraus, M. *See* Dati, Hafner, Erbes, Prellwitz, Kraus, Niemann, Noah, and Wagner
Kremensky, I. *See* Markoff, Savoy, Vladimirov, Bogdanova, Kremensky, and Ganev
Kreutz, F.T. and Suresh, M.R. Novel Bispecific Immunoprobe for Rapid and Sensitive Detection of Prostate-Specific Antigen, 649
Kricka, L.J. Optical Tweezers and Immunoassay (editorial), 251
Kricka, L.J. *See* Fortina, Cheng, Shoffner, Surrey, Hitchcock, Kricka, and Wilding
Kristensen, O. *See* Mansoor, Kristensen, Hervig, Drabløs, Stakkestad, Woie, Hetland, and Osland
Kropf, J., Schurek, J.O., Wollner, A., and Gressner, A.M. Immunological Measurement of Transforming Growth Factor-Beta I (TGF-βI) in Blood; Assay Development and Comparison, 1965
Kruger, J.M. *See* Braselton, Stuart, and Kruger
Kucik, D.F. *See* Scott, Kucik, Goodnough, and Monk
Kuo, K., Still, R., Cale, S., and McDowell, I. Standardization (External and Internal) of HPLC Assay for Plasma Homocysteine (tech brief), 1653
Kurkela, R. *See* Herrala, Kurkela, Porvari, Isomäki, Henttu, and Vihko
Kurokawa, H. *See* Ishii, Wang, Naruse, Taga, Kinoshita, Kurokawa, Iwase, Kondo, Nomura, Nagamura, Watanabe, Hishida, Tanaka, and Kawamura
Kwong, T.C. and Ryan, R.M. Detection of Intrauterine Illicit Drug Exposure by Newborn Drug Testing, 235

L

Labbe, R.F. *See* Lee, Roberts, and Labbe
Lacour, B. *See* Jouhanneau, Raisbeck, Yiou, Lacour, Banide, and Drüeke
Ladenson, J.H. *See* O'Brien, Landt, and Ladenson
Laessig, R.H. and Ehrmeyer, S.S. Quality: The Next Six Months, 903
Laessig, R.H. *See* Ehrmeyer and Laessig
Lagarde, M. *See* Guichardant, Thevenon, Pageaux, and Lagarde
Lai, C.-K., Lee, T., Au, K.-M., and Chan, A.Y.-W. Uniform Solid-Phase Extraction Procedure for Toxicological Drug Screening in Serum and Urine by HPLC with Photodiode-Array Detection, 312
Lai, T. *See* Linfert, Chen, Ma, Lai, and Tsongalis
Lam, C.W.K., Pang, C.-P., Poon, P.M.K., Yin, C.-H., and Bharathi, G. Rapid Screening for α_1-Antitrypsin Z and S Mutations (tech brief), 403
Lam, C.W. *See* Wong and Lam
Lambert, G.H. *See* Sturgill and Lambert
Lambert, M. *See* Lepage, McDonald, Dallaire, and Lambert
Lambert, W.E. *See* Van Bocxlaer, Clauwaert, Lambert, and De Leenheer
Lamberts, L.V. *See* D'Haese, Van Landeghem, Lamberts, Bekaert, Schrooten, and De Broe
Lameire, N. *See* Zhang, Cornelis, De Kimpe, Mees, and Lameire
Lamont, J., Campbell, J., and FitzGerald, P. Measurement of Individual vs Total Antioxidants (letter), 852
Lamont, J., Campbell, J., and FitzGerald, P. Measurement of Individual vs Total Antioxidants (letter, reply), 854
Lancaster, I. *See* Crook, Preston, and Lancaster
Landt, M. *See* Dietzen, Wilhite, Kenagy, Milliner, Smith, and Landt

Landt, Y. *See* O'Brien, Landt, and Ladenson
Lane, H.W. *See* Smith, Davis-Street, Fontenot, and Lane
Lang, H. *See* D'Angelo, Galli, and Lang
Langbakk, B. *See* Nygaard, Langbakk, and Romner
Langlois, M.R. *See* Delanghe and Langlois
Langman, C. *See* Colford, Sailer, and Langman
Lansden, C. *See* Callas, Clark, Moreira, Lansden, Gawryl, Kahn, and Bermes
Lansden, C.C. *See* Moreira, Lansden, Clark, and Gawryl
Lansden, C.C. *See* Moreira, Lansden, Clark, and Gawryl
Laposata, M. Fatty Acid Ethyl Esters: Short-Term and Long-Term Serum Markers of Ethanol Intake, 1527
Laragh, J.H. *See* Sealey, Catanzaro, and Laragh
Larkin, E. *See* Gosselin, Larkin, Owings, and Coehlo
Larkin, E. *See* Gosselin, Owings, Larkin, and Cannon
Larkin, E. *See* Gosselin, Owings, Larkin, White, Hutchinson, and Branch
Larrañaga-Azcárate, C. *See* Rivero-Marcotegui, Larrañaga-Azcárate, Ceres-Ruiz, and García-Merlo
Lasky, F.D. and Boser, R.B. Designing in Quality Through Design Control: A Manufacturer's Perspective, 866
Lassen, J.F. *See* Dahler-Eriksen, Lassen, Petersen, Lund, Lauritzen, and Brandslund
Lassen, J.F. *See* Kjeldsen, Lassen, Petersen, and Brandslund
Lassen, J.F. *See* Petersen, Stöckl, Blaabjerg, Pedersen, Birkemose, Thienpont, Lassen, and Kjeldsen
Latini, R. *See* Bevilacqua, Vago, Baldi, Norbiato, Masson, and Latini
Laurenson, P.M. *See* Urdea, Wuestehube, Laurenson, and Wilber
Lauritzen, T. *See* Dahler-Eriksen, Lassen, Petersen, Lund, Lauritzen, and Brandslund
Laute, M.A. *See* Dethy, Laute, Van Blercom, Damhaut, Goldman, and Hildebrand
Lauzurica, R. *See* Biosca, Ricós, Jiménez, Lauzurica, and Galimany
LaVille, A.E. *See* Ribalta, LaVille, Girona, Vallvé, and Masana
Law, T. *See* Harris, Galpchian, Thomas, Iannotti, Law, and Rifai
Law, W.T., Doshi, S., McGeehan, J., McGeehan, S., Gibboni, D., Nikolioukine, Y., Keane, R., Zheng, J., Rao, J., and Ertingshausen, G. Whole-Blood Test for Total Cholesterol by a Self-Metering, Self-Timing Disposable Device with Built-In Quality Control, 384
Lay, M.J. and Wittwer, C.T. Real-Time Fluorescence Genotyping of Factor V Leiden During Rapid-Cycle PCR, 2262
Le Boucher, J., Charret, C., Coudray-Lucas, C., Giboudeau, J., and Cynober, L. Amino Acid Determination in Biological Fluids by Automated Ion-Exchange Chromatography: Performance of Hitachi L-8500A, 1421
Le Brun, G. *See* Aubin, Le Brun, Moldovan, Villette, Créminon, Dumas, Homyrda, Soliman, Azizi, and Fiet
Le Brun, G. *See* Morineau, Gosling, Patricot, Soliman, Boudou, Al Halnak, Le Brun, Brérault, Julien, Villette, and Fiet
Le Neel, T. *See* Truchaud, Le Neel, Brochard, Malvaux, Moyon, and Cazaubiel
Le, A.V. *See* Green, Carey, Westgard, Carten, Shablesky, Achord, Page, and Le
Leal, T., Dupret, P., Hassoun, A., and Wallemacq, P.E. Topical Applications of Eosin to Burns Produces Interference in Measurement of Serum Vancomycin by Fluorescence Polarization Immunoassay (tech brief), 1238
Leal, T. *See* Wallemacq, Leal, Besse, Squifflet, Reding, Otte, Lerut, and Hassoun
Learning, W.G. *See* Rohlfs, Learning, Friedman, Couch, Weber, and Silverman
Leary, E.T. *See* McNamara, Leary, Ceriotti, Boersma-Cobbaert, Cole, Hassemer, Nakamura, Packard, Seccombe, Kimberly, Myers, and Cooper
Lee, C.C. *See* Hong, Park, Lee, Song, and Kim
Lee, C. *See* Qian, Sensibar, Zelner, Schaeffer, Finlay, Rittenhouse, and Lee
Lee, J.O. *See* Min, Lee, and Huh
Lee, S.H. *See* Suh, Lee, and Chung
Lee, T. *See* Lai, Lee, Au, and Chan
Lee, W., Roberts, S.M., and Labbe, R.F. Ascorbic Acid Determination with an Automated Enzymatic Procedure, 154
LeGatt, D.F. *See* Aspeslet, LeGatt, Murphy, and Yatscoff
Lehmann, P. *See* Nauck, März, Jarausch, Cobbaert, Sägers, Bernard, Delanghe, Honauer, Lehmann, Oestrich, von Eckardstein, Walch, Wieland, and Assmann
Lehtimäki, T. *See* Huang, Salomäki, Malin, Koivula, Jokela, and Lehtimäki
Lehtinen, P. *See* Lövgren, Heinonen, Lehtinen, Hakala, Heinola, Harju, Takalo, Mukkala, Schmid, Lönnberg, Pettersson, and Iitiä
Leigh, S. *See* Ju, Leung, Brown, Stringer, Leigh, Scherrer, Shepard, Jenkins, Knudsen, and Cannon
Leiter, C. *See* Kaplan, Leiter, Hammerman, and Rudensky
Lemon, S.M. Type A Viral Hepatitis: Epidemiology, Diagnosis, and Prevention, 1494
Lent, S.J. *See* Gudmundsson, Ershler, Goodman, Lent, Barczi, and Carnes
Leone, O. *See* Muglia, Leone, Annesi, Gabriele, Imbrogno, Grandinetti, Conforti, Naso, and Brancati
Lepage, N., McDonald, N., Dallaire, L., and Lambert, M. Age-Specific Distribution of Plasma Amino Acid Concentrations in a Healthy Pediatric Population, 2397
Lerman, A. *See* Mathew and Lerman
Lerut, J. *See* Wallemacq, Leal, Besse, Squifflet, Reding, Otte, Lerut, and Hassoun
Letellier, M. *See* Lévesque, Letellier, Dillon, and Grant
Letizia, C., Cerci, S., Subioli, S., Scuro, L., and Clemente, G. Increased Plasma Endothelin-1 After Nicotine Consumption in Nonsmokers (letter), 2440
Leung, S. *See* Ju, Leung, Brown, Stringer, Leigh, Scherrer, Shepard, Jenkins, Knudsen, and Cannon
Leung, Y.S., Dees, K., Cyr, R., Schloegel, I., and Kao, P.C. Falsely Increased Serum Estradiol Results Reported in Direct Estradiol Assays (letter), 1250
Lévesque, A., Letellier, M., Dillon, P.W., and Grant, A. Analytical Performance of Bayer Immuno I™ Estradiol and Progesterone Assays, 1601
Levillain, P. *See* Gourlain, Buneaux, Borron, Gouget, and Levillain
Levine, D.M. and Williams, K.J. Automated Measurement of Mouse Apolipoprotein B: Convenient Screening Tool for Mouse Models of Atherosclerosis, 669
Levinson, S.S. *See* Kemper and Levinson
Lewis, C.G. *See* Fields, Bureau, and Lewis
Lewis, L. *See* Scott, Lewis, Lo, and Parvin
Lhermitte, M. *See* Maschke, Azaroual, Wieruszeski, Lippens, Imbenotte, Mathieu, Vermeersch, and Lhermitte
Li, C.K.N., Hoffmann, T.J., Hsieh, P.-Y., Malik, S., and Watson, W. Xylum CSA®: Automated System for Assessing Hemostasis in Simulated Vascular Flow, 1788
Li, S.C.H. *See* Vrga, Contacos, Li, and Sullivan
Liegmann, K. *See* Bean, Liegmann, Løvli, Westby, and Sundrehagen
Liggins, G. *See* Wolf, Liggins, and Mercola
Lijoi, W. *See* Gambino, Desvarieux, Orth, Matan, Ackattupathil, Lijoi, Wimmer, Bower, and Gunter
Lin, C.-I.P. *See* Reyes, Carrera, Cardillo, Ugozzoli, Lowery, Lin, Go, Ferrari, and Wallace
Lind, C., Chen, J., and Byrjalsen, I. Enzyme Immunoassay for Measuring 25-Hydroxyvitamin D_3 in Serum, 943
Lindahl, B. *See* Ellenius, Groth, Lindahl, and Wallentin
Lindemans, J. *See* Cobbaert, Arentsen, Mulder, Hoogerbrugge, and Lindemans
Linder, M.W. Immunoassay Automation: An Updated Guide to Systems, D.W. Chan. (book review), 418
Linder, M.W., Prough, R.A., and Valdes, R., Jr Pharmacogenetics: A Laboratory Tool for Optimizing Therapeutic Efficiency, 254
Lindstrom, A.B. *See* Pleil and Lindstrom
Linfert, D.R., Chen, C., Ma, L., Lai, T., and Tsongalis, G.J. Internucleosomal DNA Fragmentation in Apoptotic Myocytes (tech brief), 2431
Linnoila, M. *See* Hristova, Rehak, Cecco, Ruddel, Herion, Eckardt, Linnoila, and Elin
Lippens, G. *See* Maschke, Azaroual, Wieruszeski, Lippens, Imbenotte, Mathieu, Vermeersch, and Lhermitte
Lison, D. *See* Hoet and Lison
Little, D.P. *See* Braun, Little, and Köster
Little, D. *See* Rashed, Bucknall, Little, Awad, Jacob, Alamoudi, Alwattar, and Ozand
Little, J.A. *See* Harwood, Little, Gallacher, Perrett, Edwards, and Dawnay
Little, J.A. *See* Norden, Jackson, Norden, Griffin, Barnes, and Little
Little, S. *See* Gibson, Gillard, Whitcombe, Ferrie, Newton, and Little
Liu, A.Y. *See* Corey, Arfman, Liu, and Vessella
Liu, C. and Bowers, L. Mass-Spectrometric Characterization of Nicked Fragments of the β-Subunit of Human Chorionic Gonadotropin, 1172
Liu, H. *See* Kader and Liu
Liu, R.H. *See* Brendler and Liu
Lloyd, J. *See* Thakkar, Newman, Holownia, Davey, Wang, Lloyd, Craig, and Price
Lo, S. *See* Scott, Lewis, Lo, and Parvin
Loidi, L., Vidal, A., Zalvide, J.B., Puente, J.L., Reyes, F., and Domínguez, F. Development of ELISA to Estimate Thymosin α_1, the N Terminus of Prothymosin α, in Human Tumors, 59
Long, C. *See* Ritter, Cortese, Edwards, Barr, Chung, and Long
Lönnberg, H. *See* Lövgren, Heinonen, Lehtinen, Hakala, Heinola, Harju, Takalo, Mukkala, Schmid, Lönnberg, Pettersson, and Iitiä
Lonsdale, M.L. *See* Thompson, Craig, Davey, Newman, Lonsdale, Bucher, Nagle, and Price
López, Carmen *See* Gámez, Ruiz-López, Artacho, Navarro, Puerta, and López
Lopez-Crapez, E., Chypre, C., Saavedra, J., Marchand, J., and Grenier, J. Rapid and Large-Scale Method to Detect K-*ras* Gene Mutations in Tumor Samples, 936
López-Otín, C. *See* Diamandis, Nadkarni, Bhaumik, Abdelrahman, Melegos, Borchert, Black, Alonso, Salas, De Los Toyos, Sampedro, and López-Otín
Lorenz, J.M. Assessing Fluid and Electrolyte Status in the Newborn, 205
Loric, S. *See* Dumas, Eschwège, and Loric
Lott, J.A. *See* Hanna, Waldman, Lott, Koesters, Hughes, and Thornton
Loun, B. *See* Copeland, Loun, and Sedor
Lovejoy, K.L. *See* Bachorik, Lovejoy, Carroll, and Johnson
Loveland, K.G. *See* Woodrum, French, Hill, Roman, Slatore, Shaffer, York, Eure, Loveland, Gasior, Southwick, and Shamel
Lövgren, T., Heinonen, P., Lehtinen, P., Hakala, H., Heinola, J., Harju, R., Takalo, H., Mukkala, V.-M., Schmid, R., Lönnberg, H., Pettersson, K., and Iitiä, A. Sensitive Bioaffinity Assays with Individual Microparticles and Time-Resolved Fluorometry, 1937
Lövgren, T. *See* Heinonen, Iitiä, Torresani, and Lövgren
Lövgren, T. *See* Katrukha, Bereznikova, Esakova, Pettersson, Lövgren, Severina, Pulkki, Vuopio-Pulkki, and Gusev
Løvli, T. *See* Bean, Liegmann, Løvli, Westby, and Sundrehagen

Løvli, T. *See* Frantzen, Grimsrud, Heggli, Faaren, Løvli, and Sundrehagen
Lowery, J.D. *See* Reyes, Carrera, Cardillo, Ugozzoli, Lowery, Lin, Go, Ferrari, and Wallace
Lozano, D., Carreño, P., Moreno, I., and Méndez, M. Analytical Performance of the Sanofi Access® Cardiac Troponin-I Procedure (tech brief), 1088
Lucey, M.R. *See* Shaked, Nunes, Olthoff, and Lucey
Ludi, H. *See* D'Orazio, Maley, McCaffrey, Chan, Orvedahl, Foos, Blake, Degnan, Benco, Murphy, Edelman, and Ludi
Luft, F.C. *See* Baron, Fung, Aydin, Bähring, Jeschke, Luft, and Schuster
Lund, E.D. *See* Dahler-Eriksen, Lassen, Petersen, Lund, Lauritzen, and Brandslund
Lundblad, A. *See* Hannestad and Lundblad
Luppa, P., Brückner, C., Schwab, I., Hauck, S., Schmidmayr, S., Birkmayer, C., Paulus, B., and Hauptmann, H. 7α-Biotinylated Testosterone Derivatives as Tracers for a Competitive Chemiluminescence Immunoassay of Testosterone in Serum, 2345
Luzzana, M. *See* De Bellis, Salani, Panigone, Betti, Invernizzi, and Luzzana
Lynch, S.V. *See* Taylor, Hogan, Lynch, Johnson, and Pond
Lyon, A.W. and Raisys, V.A. Handling of Blood Samples for Determination of Thalidomide (letter, reply), 1095

M

Ma, L. *See* Linfert, Chen, Ma, Lai, and Tsongalis
Ma, Z., Monk, T., Goodnough, L.T., McClellan, A., Gawryl, M., Clark, T., Moreira, P., Keipert, P.E., and Scott, M.G. Effect of Hemoglobin- and Perflubron-Based Oxygen Carriers on Common Clinical Laboratory Tests, 1732
MacGregor, G.A. *See* Miller, Sagnella, and MacGregor
Machuca, I. *See* Oriola, Plensa, Machuca, Pavía, and Rivera-Fillat
MacIndoe, J.H. *See* Perry, MacIndoe, Yates, Scott, and Holman
MacMahon, S. *See* Johnson, McNutt, MacMahon, and Robson
Macy, E.M., Hayes, T.E., and Tracy, R.P. Variability in the Measurement of C-Reactive Protein in Healthy Subjects: Implications for Reference Intervals and Epidemiological Applications, 52
Maekawa, M., Sudo, K., Dey, D.C., Ishikawa, J., Izumi, M., Kotani, K., and Kanno, T. Genetic Mutations of Butyrylcholine Esterase Identified from Phenotypic Abnormalities in Japan, 924
Magni, F. *See* Carobene, Ferrero, Ceriotti, Modenese, Besozzi, De Giorgi, Franzin, Franzini, Kienle, and Magni
Maier, I. *See* Karmatschek, Maier, Seibel, Woitge, Ziegler, and Armbruster
Maitra, A., Hirany, S.V., and Jialal, I. Comparison of Two Assays for Measuring LDL Cholesterol, 1040
Makela, S., Yazdanpanah, M., Adatia, I., and Ellis, G. Disposable Surgical Gloves and Pasteur (Transfer) Pipettes as Potential Sources of Contamination in Nitrite and Nitrate Assays (tech brief), 2418
Makowski, G.S. and Hopfer, S.M. Measurement of Maternal Folate Status and Risk of Neural Tube Defects (tech brief), 185
Malacara, J.M. *See* Wróbel, Wróbel, Garay-Sevilla, Nava, and Malacara
Maley, T.C. *See* D'Orazio, Maley, McCaffrey, Chan, Orvedahl, Foos, Blake, Degnan, Benco, Murphy, Edelman, and Ludi
Malik, S. *See* Li, Hoffmann, Hsieh, Malik, and Watson
Malin, R. *See* Huang, Salomäki, Malin, Koivula, Jokela, and Lehtimäki
Malvaux, S. *See* Truchaud, Le Neel, Brochard, Malvaux, Moyon, and Cazaubiel
Mangin, P. *See* Kintz, Brenneisen, Bundeli, and Mangin
Manley, S.E. *See* Cull, Manley, Stratton, Neil, Ross, Holman, Turner, and Matthews
Mannello, F., Miragoli, G., Bianchi, G., and Gazzanelli, G. Immunoreactive Prostate-Specific Antigen in Pleural Effusions (tech brief), 847
Mannello, F., Miragoli, G., Bianchi, G., and Gazzanelli, G. Prostate-Specific Antigen in Ascitic Fluid (tech brief), 1461
Mannello, F., Sebastiani, M., Amati, S., and Gazzanelli, G. Prostate-Specific Antigen Expression in a Case of Intracystic Carcinoma of the Breast: Characterization of Immunoreactive Protein and Literature Surveys, 1448
Mansoor, M.A., Kristensen, O., Hervig, T., Drabløs, P.A., Stakkestad, J.A., Woie, L., Hetland, Ø., and Osland, A. Low Concentrations of Folate in Serum and Erythrocytes of Smokers: Methionine Loading Decreases Folate Concentrations in Serum of Smokers and Nonsmokers (tech brief), 2192
Mansoor, M.A. *See* Bergmark, Mansoor, Svardal, and de Faire
Manz, B. *See* Wolthers, Kema, Volmer, Wesemann, Westermann, and Manz
Marchand, J. *See* Lopez-Crapez, Chypre, Saavedra, Marchand, and Grenier
Marcolin, G. *See* Dancoine, Couplet, Buvat, Guittard, Marcolin, and Fourlinnie
Mario, N., Baudin, B., Aussel, C., and Giboudeau, J. Capillary Isoelectric Focusing and High-Performance Cation-Exchange Chromatography Compared for Qualitative and Quantitative Analysis of Hemoglobin Variants, 2137
Markkanen, H. *See* Turpeinen, Markkanen, Välimäki, and Stenman
Markoff, A., Savoy, A., Vladimirov, V., Bogdanova, N., Kremensky, I., and Ganev, V. Optimization of Single-Strand Conformation Polymorphism Analysis in the Presence of Polyethylene Glycol, 30
Marque, D. *See* Souberbielle, Marque, Bonnet, Herviaux, and Sachs
Marquet, P.-Y. *See* Calzolari, Marquet, and Pau
Marrugat, J. *See* Covas, Coca, Ricós, and Marrugat
Marti, R., Varela, E., Segura, R.M., Alegre, J., Suriñach, J. M., and Pascual, C. Determination of D-Lactate by Enzymatic Methods in Biological Fluids: Study of Interferences, 1010
Martin, E.S. *See* Badcock, Zoanetti, and Martin
Martinez-Montiel, P. *See* Muñoz-Perez, Sarrion-Pelous, Jimenez-Jimenez, Martinez-Montiel, and Gallego-Valdes
Martínez-Brú, C. *See* Planella, Cortés, Martínez-Brú, González-Sastre, and Ordóñez-Llanos
Maruyama, T. *See* Takamura, Maruyama, and Otagiri
März, W. *See* Nauck, März, Jarausch, Cobbaert, Sägers, Bernard, Delanghe, Honauer, Lehmann, Oestrich, von Eckardstein, Walch, Wieland, and Assmann
Masana, L. *See* Ribalta, LaVille, Girona, Vallvé, and Masana
Maschke, S., Azaroual, N., Wieruszeski, J.-M., Lippens, G., Imbenotte, M., Mathieu, D., Vermeersch, G., and Lhermitte, M. Detection by ^{1}H-NMR Spectroscopy of Chloroquine in Urine from Acutely Poisoned Patient (letter), 698
Masson, S. *See* Bevilacqua, Vago, Baldi, Norbiato, Masson, and Latini
Matan, H. *See* Gambino, Desvarieux, Orth, Matan, Ackattupathil, Lijoi, Wimmer, Bower, and Gunter
Mathew, V. and Lerman, A. Clinical Implications of a Sandwich Enzyme Immunoassay for Big Endothelin-1 (editorial), 9
Mathieu, D. *See* Maschke, Azaroual, Wieruszeski, Lippens, Imbenotte, Mathieu, Vermeersch, and Lhermitte
Mathis, M. *See* Riou, Godart, Hurtrel, Mathis, Bimet, Bardakdjian-Michau, Préhu, Wajcman, and Galactéros
Matsunami, A. *See* Mitsui, Miyamura, Matsunami, Kitagawa, and Arai
Matthews, D.R. *See* Cull, Manley, Stratton, Neil, Ross, Holman, Turner, and Matthews
Matthijs, G. *See* Schollen, Vandenberk, Cassiman, and Matthijs
Maturen, A. *See* Azzazy, Duh, Maturen, Schaller, Shaw, Grimaldi, Shock, and Christenson
Mauri, D. *See* Paroni, Arcelloni, De Vecchi, Fermo, Mauri, and Colombo
Mayambala, C. *See* Siegelman, Mohabeer, Fahey, Tomlinson, Mayambala, Jafari, Noll, Thibodeau, and Dawson
Mazzini, G. *See* Ferrara, Daverio, Mazzini, Bonini, and Banfi
McAleer, J.F. *See* Plotkin, McAleer, Cordeiro, Ackland, Sheehan, and Braithwaite
McCaffrey, R.R. *See* D'Orazio, Maley, McCaffrey, Chan, Orvedahl, Foos, Blake, Degnan, Benco, Murphy, Edelman, and Ludi
McCain, M.W. *See* Siek, Stradling, McCain, and Mehary
McClellan, A. *See* Ma, Monk, Goodnough, McClellan, Gawryl, Clark, Moreira, Keipert, and Scott
McDade, R.L. *See* Fulton, McDade, Smith, Kienker, and Kettman
McDade, R.L. *See* Gordon and McDade
McDonald, N. *See* Lepage, McDonald, Dallaire, and Lambert
McDowell, I. *See* Kuo, Still, Cale, and McDowell
McGeehan, J. *See* Law, Doshi, McGeehan, McGeehan, Gibboni, Nikolioukine, Keane, Zheng, Rao, and Ertingshausen
McGeehan, S. *See* Law, Doshi, McGeehan, McGeehan, Gibboni, Nikolioukine, Keane, Zheng, Rao, and Ertingshausen
McGlynn-Steele, L. *See* Strasberg, Noreau, McGlynn-Steele, Koultschitski, and Ray
McGovern, P. *See* Garg, Zheng, Folsom, Moyer, Tsai, McGovern, and Eckfeldt
McHale, J. Thiocyanate Interference with Nova's Ionized Magnesium Electrode (letter), 1672
McLaurin, M.D., Apple, F.S., Voss, E.M., Herzog, C.A., and Sharkey, S.W. Cardiac Troponin I, Cardiac Troponin T, and Creatine Kinase MB in Dialysis Patients Without Ischemic Heart Disease: Evidence of Cardiac Troponin T Expression in Skeletal Muscle, 976
McNamara, J.R., Leary, E.T., Ceriotti, F., Boersma-Cobbaert, C.M., Cole, T.G., Hassemer, D.J., Nakamura, M., Packard, C.J., Seccombe, D.W., Kimberly, M.M., Myers, G.L., and Cooper, G.R. Point: Status of Lipid and Lipoprotein Standardization, 1306
McNutt, P. *See* Johnson, McNutt, MacMahon, and Robson
Mealman, T.L. *See* Ishikawa, Saffitz, Mealman, Grace, and Roberts
Mees, L. *See* Zhang, Cornelis, De Kimpe, Mees, and Lameire
Meeuwisse-Braun, J. *See* van den Besselaar, Neuteboom, Meeuwisse-Braun, and Bertina
Mehary, T.C. *See* Siek, Stradling, McCain, and Mehary
Meier, A. *See* Mohammad, Okorodudu, Bissell, Dow, Reger, Meier, Guodagno, and Petersen
Meier-Kriesche, H.-U. *See* Kaplan, Meier-Kriesche, Napoli, and Kahan
Meijer, D.K.F. *See* Albrecht, Reichen, Visser, Meijer, and Thormann
Meijer, S. *See* Bon, von Mensdorff-Pouilly, Kenemans, van Kamp, Verstraeten, Hilgers, Meijer, and Vermorken
Meikle, P.J., Brooks, D.A., Ravenscroft, E.M., Yan, M., Williams, R.E., Jaunzems, A.E., Chataway, T.K., Karageorgos, L.E., Davey, R.C., Boulter, C.D., Carlsson, S.R., and Hopwood, J.J. Diagnosis of Lysosomal Storage Disorders: Evaluation of Lysosome-Associated Membrane Protein LAMP-1 as a Diagnostic Marker, 1325
Meinitzer, A. *See* Kessler, Meinitzer, Petek, and Wolfbeis

Melegh, B. and Molnár, J. Nonisotopic Method for Precise Detection of $(CAG)_n$ Repeats (letter), 1096
Melegos, D.N., Freedman, M.S., and Diamandis, E.P. Prostate-Specific Antigen in Cerebrospinal Fluid (letter), 855
Melegos, D.N. *See* Diamandis, Nadkarni, Bhaumik, Abdelrahman, Melegos, Borchert, Black, Alonso, Salas, De Los Toyos, Sampedro, and López-Otín
Melita-Manolis, H. *See* Haliassos, Melita-Manolis, Aggelaki, Tassi, and Terzoglou
Mendelson, J. *See* Everhart, Cheung, Shwonek, Zabel, Tisdale, Jacob, Mendelson, and Jones
Méndez, M. *See* Lozano, Carreño, Moreno, and Méndez
Mercola, D. *See* Wolf, Liggins, and Mercola
Mérillon, J.-M., Fauconneau, B., Waffo Teguo, P., Barrier, L., Vercauteren, J., and Huguet, F. Antioxidant Activity of the Stilbene Astringin; Newly Extracted from *Vitis vinifera* Cell Cultures (letter), 1092
Merle, P. *See* Finney, Newman, Gruber, Merle, and Price
Messeri, G. *See* Ognibene, Pala, Messeri, Rotella, and Berti
Messmer, T.O., Whitney, C.G., and Fields, B.S. Use of Polymerase Chain Reaction to Identify Pneumococcal Infection Associated with Hemorrhage and Shock in Two Previously Healthy Young Children, 930
Metcalfe, T. and Rauh, J. Salicylate Interference with the Roche Cobas Integra Chloride Electrode (letter, reply), 1250
Metz, H.N. *See* Wilson, Metz, Graver, and Rao
Miedema, K. Electrospray Mass Spectrometry for Measurement of Glycohemoglobin (editorial), 705
Miedema, K. *See* John, Braconnier, Miedema, Aulesa, and Piras
Miedema, K. *See* Kobold, Jeppsson, Dülffer, Finke, Hoelzel, and Miedema
Mihas, C.C. *See* Ali, Mihas, and Campbell
Miida, T. *See* Yamada and Miida
Mikkelsen, B.B. *See* Nielsen, Mikkelsen, Nielsen, Andersen, and Grandjean
Miller, B.B. *See* Bernert, Turner, Pirkle, Sosnoff, Akins, Waldrep, Ann, Covey, Whitfield, Gunter, Miller, Patterson, Needham, Hannon, and Sampson
Miller, E.A. *See* Apple, Falahati, Paulsen, Miller, and Sharkey
Miller, M.A., Sagnella, G.A., and MacGregor, G.A. Extraction Method and Nonextracted Kit Method Compared for Measuring Plasma Aldosterone, 1995
Miller, S. *See* Sharma, Young, Miller, and Cutler
Miller, W.G. *See* Hanbury, Miller, and Harris
Milligan, T.P. *See* Price, Milligan, and Darte
Milliner, D.S. *See* Dietzen, Wilhite, Kenagy, Milliner, Smith, and Landt
Mimoz, O. *See* Benoist, Cosson, Mimoz, and Edouard
Min, W.-K., Lee, J.O., and Huh, J.W. Relation Between Lipoprotein(a) Concentrations in Patients with Acute-Phase Response and Risk Analysis for Coronary Heart Disease, 1891
Mioskowski, C. *See* Taran, Frobert, Créminon, Grassi, Olichon, Mioskowski, and Pradelles
Miragoli, G. *See* Mannello, Miragoli, Bianchi, and Gazzanelli
Miragoli, G. *See* Mannello. Miragoli, Bianchi, and Gazzanelli
Mistry, J. *See* Khosravi, Diamandi, and Mistry
Mitsuhashi, M. *See* Ishikawa, Ichikawa, Miura, Momiyama, Keller, Koo, Akitaya, Shimada, and Mitsuhashi
Mitsui, T., Miyamura, M., Matsunami, A., Kitagawa, K., and Arai, N. Measuring Nitrous Oxide in Exhaled Air by Gas Chromatography and Infrared Photoacoustic Spectrometry (tech brief), 1993
Miura, Y. *See* Ishikawa, Ichikawa, Miura, Momiyama, Keller, Koo, Akitaya, Shimada, and Mitsuhashi
Miyamura, M. *See* Mitsui, Miyamura, Matsunami, Kitagawa, and Arai
Mize, P.D. *See* Oberhardt, Mize, and Pritchard
Moatti, N. *See* Simon, Paul, Soni, Simon, and Moatti
Modenese, A. *See* Carobene, Ferrero, Ceriotti, Modenese, Besozzi, De Giorgi, Franzin, Franzini, Kienle, and Magni
Mohabeer, A. *See* Siegelman, Mohabeer, Fahey, Tomlinson, Mayambala, Jafari, Noll, Thibodeau, and Dawson
Mohammad, A.A., Okorodudu, A.O., Bissell, M.G., Dow, P., Reger, G., Meier, A., Guodagno, P., and Petersen, J.R. Clinical Application of Capillary Isoelectric Focusing on Fused Silica Capillary for Determination of Hemoglobin Variants, 1798
Mohammad, A.A. *See* Rao, Petersen, Bissell, Okorodudu, and Mohammad
Mohr, S., Cullen, P., Schmidt, R., Cignarella, A., and Assmann, G. Avoidance of False Positives in PCR-Based mRNA Differential Display During Investigation of Nonstandardized Tissues or Cells (tech brief), 182
Moldovan, F. *See* Aubin, Le Brun, Moldovan, Villette, Créminon, Dumas, Homyrda, Soliman, Azizi, and Fiet
Molinari, A.M. *See* Cioffi, Molinari, Gazzerro, Di Finizio, Fratta, Deufemia, and Puca
Molnár, I. *See* Kaczur, Vereb, Molnár, Krajczár, Kiss, Farid, and Balázs
Molnár, J. *See* Melegh and Molnár
Momiyama, M. *See* Ishikawa, Ichikawa, Miura, Momiyama, Keller, Koo, Akitaya, Shimada, and Mitsuhashi
Monk, T.G. *See* Scott, Kucik, Goodnough, and Monk
Monk, T. *See* Ma, Monk, Goodnough, McClellan, Gawryl, Clark, Moreira, Keipert, and Scott
Moore, R.A. Free PSA as a Percentage of the Total: Where Do We Go From Here? (editorial), 1561
Moran, R.F. The Smallest Concentration (letter), 856
Moran, R.F. *See* Brunelle and Moran
Moreira, P.L., Lansden, C.C., Clark, T.L., and Gawryl, M.S. Effect of Hemopure® on Prothrombin Time and Activated Partial Thromboplastin Time on Seven Coagulation Analyzers., 1792
Moreira, P.L., Lansden, C.C., Clark, T.L., and Gawryl, M.S. Effect of Hemopure® on the Performance of Ektachem and Hitachi Clinical Analyzers, 1790
Moreira, P.L. *See* Callas, Clark, Moreira, Lansden, Gawryl, Kahn, and Bermes
Moreira, P. *See* Ma, Monk, Goodnough, McClellan, Gawryl, Clark, Moreira, Keipert, and Scott
Moreno, I. *See* Lozano, Carreño, Moreno, and Méndez
Mori, L. and Waldhuber, S. Salicylate Interference with the Roche Cobas Integra Chloride Electrode (letter), 1249
Morineau, G., Boudi, A., Barka, A., Gourmelen, M., Degeilh, F., Hardy, N., Al-Halnak, A., Soliman, H., Gosling, J.P., Julien, R., Brerault, J.-L., Boudou, P., Aubert, P., Villette, J.-M., Pruna, A., Galons, H., and Fiet, J. Radioimmunoassay of Cortisone in Serum, Urine, and Saliva to Assess the Status of the Cortisol–Cortisone Shuttle, 1397
Morineau, G., Gosling, J., Patricot, M.-C., Soliman, H., Boudou, P., Al Halnak, A., Le Brun, G., Brérault, J.-L., Julien, R., Villette, J.-M., and Fiet, J. Convenient Chromatographic Prepurification Step Before Measurement of Urinary Cortisol by Radioimmunoassay, 786
Morishita, Y., Nakane, K., Fukatsu, T., Nakashima, N., Tsuji, K., Soya, Y., Yoneda, K., Asano, S., and Kawamura, Y. Kinetic Assay of Serum and Urine for Urea with Use of Urease and Leucine Dehydrogenase, 1932
Morita, A. *See* Numata, Morita, Kosugi, Shibata, Takeuchi, and Uchida
Morland, H. and Smith-Kielland, A. Urine Screening for Flunitrazepam: Applicability of Emit® Immunoassay (letter), 1245
Morris, M. *See* Roberts, Green, and Morris
Moshage, H. Nitric Oxide Determinations: Much Ado About NO-Thing? (editorial), 553
Mössner, J. *See* Keim, Teich, Reich, Fiedler, and Mössner
Mostafa, M.M. *See* Eissa, Mostafa, El-Gendy, and Senna
Moyano, D. *See* Vilaseca, Moyano, Ferrer, and Artuch
Moyer, Y.S. *See* Garg, Zheng, Folsom, Moyer, Tsai, McGovern, and Eckfeldt
Moyon, M. *See* Truchaud, Le Neel, Brochard, Malvaux, Moyon, and Cazaubiel
Muglia, M., Leone, O., Annesi, G., Gabriele, A.L., Imbrogno, E., Grandinetti, C., Conforti, F.L., Naso, F., and Brancati, C. PCR Reagents for Detection of (CAG)n Repeats in Huntington Disease (letter, reply), 1463
Mukkala, V.-M. *See* Lövgren, Heinonen, Lehtinen, Hakala, Heinola, Harju, Takalo, Mukkala, Schmid, Lönnberg, Pettersson, and Iitiä
Mulder, P. *See* Cobbaert, Arentsen, Mulder, Hoogerbrugge, and Lindemans
Müller, M.M. *See* Griesmacher, Weigel, Seebacher, and Müller
Müller, T. *See* Arndt, Hackler, Müller, Kleine, and Gressner
Müller-Bardorff, M., Hallermayer, K., Schröder, A., Ebert, C., Borgya, A., Gerhardt, W., Remppis, A., Zehelein, J., and Katus, H.A. Improved Troponin T ELISA Specific for Cardiac Troponin T Isoform: Assay Development and Analytical and Clinical Validation, 458
Müller-Bardorff, M. *See* Baum, Braun, Gerhardt, Gilson, Hafner, Müller-Bardorff, Stein, Klein, Ebert, Hallermayer, and Katus
Muñoz-Perez, M., Sarrion-Pelous, D., Jimenez-Jimenez, J., Martinez-Montiel, P., and Gallego-Valdes, M. Chronic Increased Serum Lipase in a Patient with Suspected Pancreatic Adenocarcinoma (letter), 191
Muramatsu, T. *See* Okazaki, Sasamoto, Muramatsu, and Hosaki
Murphy, C. *See* D'Orazio, Maley, McCaffrey, Chan, Orvedahl, Foos, Blake, Degnan, Benco, Murphy, Edelman, and Ludi
Murphy, G. *See* Aspeslet, LeGatt, Murphy, and Yatscoff
Murray, L.M. *See* Sadler, Smith, Murray, and Turner
Mustafa, G. *See* Bieglmayer and Mustafa
Muwakkit, S. *See* Habbal and Muwakkit
Myers, G.L. *See* McNamara, Leary, Ceriotti, Boersma-Cobbaert, Cole, Hassemer, Nakamura, Packard, Seccombe, Kimberly, Myers, and Cooper
Mysliwiec, M. *See* Górski, Hermens, Borawski, Mysliwiec, and Glatz

N

Nadelman, J. *See* Wu, Feng, Nadelman, Acampora, and Fiedler
Nadkarni, S. *See* Diamandis, Nadkarni, Bhaumik, Abdelrahman, Melegos, Borchert, Black, Alonso, Salas, De Los Toyos, Sampedro, and López-Otín
Nagai, T. *See* Okazaki and Nagai
Nagamura, Y. *See* Ishii, Wang, Naruse, Taga, Kinoshita, Kurokawa, Iwase, Kondo, Nomura, Nagamura, Watanabe, Hishida, Tanaka, and Kawamura
Nagase, S., Ohkoshi, N., Ueda, A., Aoyagi, K., and Koyama, A. Hydrogen Peroxide Interferes with Detection of Nitric Oxide by an Electrochemical Method (letter), 1246
Nagle, P.D. *See* Thompson, Craig, Davey, Newman, Lonsdale, Bucher, Nagle, and Price
Nagy, B. *See* Tóth, Findlay, Nagy, and Papp
Nagy, B. *See* Tóth, Nagy, and Papp
Nakamura, M. *See* McNamara, Leary, Ceriotti, Boersma-Cobbaert, Cole, Hassemer, Nakamura, Packard, Seccombe, Kimberly, Myers, and Cooper

Nakane, K. *See* Morishita, Nakane, Fukatsu, Nakashima, Tsuji, Soya, Yoneda, Asano, and Kawamura
Nakashima, N. *See* Morishita, Nakane, Fukatsu, Nakashima, Tsuji, Soya, Yoneda, Asano, and Kawamura
Napoli, K. *See* Kaplan, Meier-Kriesche, Napoli, and Kahan
Narlock, C. *See* Roberts, Calcote, De, Holmstrom, Narlock, and Apple
Naruse, H. *See* Ishii, Wang, Naruse, Taga, Kinoshita, Kurokawa, Iwase, Kondo, Nomura, Nagamura, Watanabe, Hishida, Tanaka, and Kawamura
Naso, F. *See* Muglia, Leone, Annesi, Gabriele, Imbrogno, Grandinetti, Conforti, Naso, and Brancati
Nauck, M., März, W., Jarausch, J., Cobbaert, C., Sägers, A., Bernard, D., Delanghe, J., Honauer, G., Lehmann, P., Oestrich, E., von Eckardstein, A., Walch, S., Wieland, H., and Assmann, G. Multicenter Evaluation of a *Homogeneous Assay for HDL-Cholesterol* Without Sample Pretreatment, 1622
Nava, L.E. *See* Wróbel, Wróbel, Garay-Sevilla, Nava, and Malacara
Navarro, M. *See* Gámez, Ruiz-López, Artacho, Navarro, Puerta, and López
Naylor, E.W. *See* Chace, Hillman, Van Hove, and Naylor
Nazu, H. *See* Takada, Nazu, Hibi, Tsukada, Shibasaki, Fujise, Fujimuro, Sawada, Yokosawa, and Ohkawa
Needham, L.L. *See* Bernert, Turner, Pirkle, Sosnoff, Akins, Waldrep, Ann, Covey, Whitfield, Gunter, Miller, Patterson, Needham, Hannon, and Sampson
Neels, H. *See* Demedts, Wauters, Watelle, and Neels
Neil, H.A.W. *See* Cull, Manley, Stratton, Neil, Ross, Holman, Turner, and Matthews
Neubauer, A.S. The EWMA Control Chart: Properties and Comparison with Other Quality-Control Procedures by Computer Simulation, 594
Neumaier, M. *See* Tschentscher, Wagener, and Neumaier
Neuteboom, J. *See* van den Besselaar, Neuteboom, Meeuwisse-Braun, and Bertina
Newman, D.J. *See* Finney, Newman, Gruber, Merle, and Price
Newman, D.J. *See* Holownia, Bishop, Newman, John, and Price
Newman, D.J. *See* Thakkar, Newman, Holownia, Davey, Wang, Lloyd, Craig, and Price
Newman, D.J. *See* Thompson, Craig, Davey, Newman, Lonsdale, Bucher, Nagle, and Price
Newton, C.R. *See* Gibson, Gillard, Whitcombe, Ferrie, Newton, and Little
Nichols, J.H. *See* Steinberg, Sokoll, Bowles, Nichols, Roberts, Schultheis, and O'Donnell
Niedmann, P.D. *See* Andreeva, Niedmann, Schütz, Wieland, Armstrong, and Oellerich
Nielsen, F., Mikkelsen, B.B., Nielsen, J.B., Andersen, H.R., and Grandjean, P. Plasma Malondialdehyde as Biomarker for Oxidative Stress: Reference Interval and Effects of Life-Style Factors, 1209
Nielsen, F. *See* Andersen, Nielsen, Nielsen, and Grandjean
Nielsen, H.J. *See* Stephens, Pedersen, Nielsen, Hamers, Høyer-Hansen, Rønne, Dybkjær, Danø, and Brünner
Nielsen, J.B. *See* Andersen, Nielsen, Nielsen, and Grandjean
Nielsen, J.B. *See* Nielsen, Mikkelsen, Nielsen, Andersen, and Grandjean
Niemann, F. *See* Dati, Hafner, Erbes, Prellwitz, Kraus, Niemann, Noah, and Wagner
Niemela, J.E. *See* Rehak, Cecco, Niemela, and Elin
Niitsu, Y. *See* Yamada, Yagihashi, Ishii, Tanemura, Kida, Watanabe, and Niitsu
Nijhof, W.A. *See* Doelman, Siebelder, Nijhof, Weykamp, Janssens, and Penders
Nikolioukine, Y. *See* Law, Doshi, McGeehan, McGeehan, Gibboni, Nikolioukine, Keane, Zheng, Rao, and Ertingshausen
Noah, M. *See* Dati, Hafner, Erbes, Prellwitz, Kraus, Niemann, Noah, and Wagner
Noll, W.W. *See* Siegelman, Mohabeer, Fahey, Tomlinson, Mayambala, Jafari, Noll, Thibodeau, and Dawson
Nollau, P. and Wagener, C. Methods for Detection of Point Mutations: Performance and Quality Assessment, 1114
Nomura, M. *See* Ishii, Wang, Naruse, Taga, Kinoshita, Kurokawa, Iwase, Kondo, Nomura, Nagamura, Watanabe, Hishida, Tanaka, and Kawamura
Norbiato, G. *See* Bevilacqua, Vago, Baldi, Norbiato, Masson, and Latini
Norden, A.G.W., Jackson, R.A., Norden, L.E., Griffin, A.J., Barnes, M.A., and Little, J.A. Misleading Results from Immunoassays of Serum Free Thyroxine in the Presence of Rheumatoid Factor, 957
Norden, L.E. *See* Norden, Jackson, Norden, Griffin, Barnes, and Little
Noreau, D. *See* Strasberg, Noreau, McGlynn-Steele, Koultschitski, and Ray
Nørgaard-Pedersen, B. *See* Qin, Christiansen, Oxvig, Pettersson, Sottrup-Jensen, Koch, and Nørgaard-Pedersen
Nowak, M.A. and Campbell, T.E. Profound Hypercalcemia in Continuous Veno-Venous Hemofiltration Dialysis with Trisodium Citrate Anticoagulation and Hepatic Failure (letter), 412
Numata, Y., Morita, A., Kosugi, Y., Shibata, K., Takeuchi, N., and Uchida, K. New Sandwich ELISA for Human Urinary *N*-Acetyl-β-D-Glucosaminidase Isoenzyme B As a Useful Clinical Test, 569
Nunes, F.A. *See* Shaked, Nunes, Olthoff, and Lucey
Nuttall, K.L. *See* Astill and Nuttall
Nygaard, Ø., Langbakk, B., and Romner, B. Age- and Sex-Related Changes of S-100 Protein Concentrations in Cerebrospinal Fluid and Serum in Patients with No Previous History of Neurological Disorder (tech brief), 541

O

Oberhardt, B.J., Mize, P.D., and Pritchard, C.G. Point-of-Care Fibrinolytic Tests: The Other Side of Blood Coagulation, 1697
O'Brien, P.J., Landt, Y., and Ladenson, J.H. Differential Reactivity of Cardiac and Skeletal Muscle from Various Species in a Cardiac Troponin I Immunoassay, 2333
O'Donnell, C.M. *See* Steinberg, Sokoll, Bowles, Nichols, Roberts, Schultheis, and O'Donnell
Oellerich, M. *See* Andreeva, Niedmann, Schütz, Wieland, Armstrong, and Oellerich
Oellerich, M. *See* Scholer, Boecker, Engelmayer, Feldmann, Hannak, Kattermann, Oellerich, Raith, Schlebusch, Wieland, Willems, Jarausch, and Domke
Oestrich, E. *See* Nauck, März, Jarausch, Cobbaert, Sägers, Bernard, Delanghe, Honauer, Lehmann, Oestrich, von Eckardstein, Walch, Wieland, and Assmann
Ognibene, A., Pala, L., Messeri, G., Rotella, C.M., and Berti, P. Relations between Intestinal Alkaline Phosphatase Activity and Insulin Secretion in Obese Patients (letter), 1672
Ohkawa, K. *See* Takada, Nazu, Hibi, Tsukada, Shibasaki, Fujise, Fujimuro, Sawada, Yokosawa, and Ohkawa
Ohkoshi, N. *See* Nagase, Ohkoshi, Ueda, Aoyagi, and Koyama
O'Kane, D.J., Ebert, T.A., Hallaway, B.J., Roberts, S.G., Bhuiyan, A.K.M.J, and Tenner, K.S. A Laboratorian's Perspective on Evaluation and Implementation of New Laboratory Tests, 1771
Okazaki, M., Sasamoto, K., Muramatsu, T., and Hosaki, S. Evaluation of Precipitation and Direct Methods for HDL-Cholesterol Assay by HPLC, 1885
Okazaki, T. and Nagai, T. Difference in Hemoglobin-Binding Ability of Polymers Among Haptoglobin Phenotypes (letter), 2012
Okorodudu, A.O. *See* Mohammad, Okorodudu, Bissell, Dow, Reger, Meier, Guodagno, and Petersen
Okorodudu, A.O. *See* Rao, Petersen, Bissell, Okorodudu, and Mohammad
Olafsdottir, E. *See* Fallest-Strobl, Olafsdottir, Wiebe, and Westgard
Olichon, D. *See* Taran, Frobert, Créminon, Grassi, Olichon, Mioskowski, and Pradelles
Oliver, A. *See* Joven, Clivillé, Camps, Espinel, Simó, Vilella, and Oliver
Olmedilla, B., Granado, F., Gil-Martinez, E., Blanco, I., and Rojas-Hidalgo, E. Reference Values for Retinol, Tocopherol, and Main Carotenoids in Serum of Control and Insulin-Dependent Diabetic Spanish Subjects, 1066
Olthoff, K.M. *See* Shaked, Nunes, Olthoff, and Lucey
Ordóñez-Llanos, J. *See* Planella, Cortés, Martínez-Brú, González-Sastre, and Ordóñez-Llanos
Orii, T. *See* Inoue, Suzuki, Yajima, Shimozawa, Orii, and Kondo
Oriola, J., Plensa, I., Machuca, I., Pavía, C., and Rivera-Fillat, F. Rapid Screening Method for Detecting Mutations in the 21-Hydroxylase Gene, 557
Orlando, C. *See* Gelmini, Orlando, Sestini, Vona, Pinzani, Ruocco, and Pazzagli
Orlando, C. *See* Pinzani, Petruzzi, Orlando, Stefanescu, Antonini, Serio, and Pazzagli
Orth, M. *See* Gambino, Desvarieux, Orth, Matan, Ackattupathil, Lijoi, Wimmer, Bower, and Gunter
Orvedahl, D. *See* D'Orazio, Maley, McCaffrey, Chan, Orvedahl, Foos, Blake, Degnan, Benco, Murphy, Edelman, and Ludi
Osawa, M. *See* Yukawa, Suzuoka, Saito, Forrest, Osawa, and Takeichi
Osland, A. *See* Mansoor, Kristensen, Hervig, Drabløs, Stakkestad, Woie, Hetland, and Osland
Osselaer, J.-C., Jamart, J., and Scheiff, J.-M. Platelet Distribution Width for Differential Diagnosis of Thrombocytosis, 1072
Otagiri, M. *See* Takamura, Maruyama, and Otagiri
Oto, M., Koguchi, A., and Yuasa, Y. Analysis of a Polyadenine Tract of the Transforming Growth Factor-β Type II Receptor Gene in Colorectal Cancers by Non-Gel-Sieving Capillary Electrophoresis, 759
Otte, J.-B. *See* Wallemacq, Leal, Besse, Squifflet, Reding, Otte, Lerut, and Hassoun
Owings, J.T. *See* Gosselin, Larkin, Owings, and Coehlo
Owings, J.T. *See* Gosselin, Owings, Larkin, and Cannon
Owings, J.T. *See* Gosselin, Owings, Larkin, White, Hutchinson, and Branch
Oxvig, C. *See* Qin, Christiansen, Oxvig, Pettersson, Sottrup-Jensen, Koch, and Nørgaard-Pedersen
Ozand, P.T. *See* Rashed, Bucknall, Little, Awad, Jacob, Alamoudi, Alwattar, and Ozand

P

Pacifici, R. *See* Zuccaro, Pichini, Altieri, Rosa, Pellegrini, and Pacifici
Packard, C.J. *See* McNamara, Leary, Ceriotti, Boersma-Cobbaert, Cole, Hassemer, Nakamura, Packard, Seccombe, Kimberly, Myers, and Cooper
Pagani, F. *See* Panteghini, Agnoletti, Pagani, and Spandrio
Pagani, F. *See* Panteghini, Bonora, and Pagani
Pagani, F. *See* Panteghini, Bonora, Pagani, Buffoli, and Cuccia
Pagani, F. *See* Panteghini and Pagani
Page, E. *See* Green, Carey, Westgard, Carten, Shablesky, Achord, Page, and Le

Pageaux, J.F. *See* Guichardant, Thevenon, Pageaux, and Lagarde
Pagni, R. *See* Ferrero, Aimo, Pagni, Bergamasco, Bongioanni, Bergamini, and Durelli
Pala, L. *See* Ognibene, Pala, Messeri, Rotella, and Berti
Pang, C.-P. *See* Lam, Pang, Poon, Yin, and Bharathi
Panigone, S. *See* De Bellis, Salani, Panigone, Betti, Invernizzi, and Luzzana
Panteghini, M., Agnoletti, G., Pagani, F., and Spandrio, M. Cardiac Troponin T in Serum as Marker for Myocardial Injury in Newborns (tech brief), 1455
Panteghini, M., Bonora, R., and Pagani, F. Automated Immunoassay of Cardiac Troponin I in Serum Evaluated (letter), 195
Panteghini, M., Bonora, R., Pagani, F., Buffoli, F., and Cuccia, C. Rapid, Highly Sensitive Immunoassay for Determination of Cardiac Troponin I in Patients with Myocardial Cell Damage (letter), 1464
Panteghini, M. and Pagani, F. Biological Variation of Myoglobin in Serum (letter), 2435
Papp, Z. *See* Tóth, Findlay, Nagy, and Papp
Papp, Z. *See* Tóth, Nagy, and Papp
Pardue, H.L. The Inseparable Triad: Analytical Sensitivity, Measurement Uncertainty, and Quantitative Resolution, 1831
Park, W.H. *See* Hong, Park, Lee, Song, and Kim
Parkkila, A.-K. *See* Kivelä, Parkkila, Waheed, Parkkila, Sly, and Rajaniemi
Parkkila, S. *See* Kivelä, Parkkila, Waheed, Parkkila, Sly, and Rajaniemi
Parma, P. *See* Banfi, Parma, and Pontillo
Paroni, R., Arcelloni, C., De Vecchi, E., Fermo, I., Mauri, D., and Colombo, R. Plasma Mitomycin C Concentrations Determined by HPLC Coupled to Solid-Phase Extraction, 615
Paroni, R. *See* Fermo, Arcelloni, Casari, and Paroni
Parsons, P.J., Reilly, A.A., and Esernio-Jenssen, D. Screening Children Exposed to Lead: An Assessment of the Capillary Blood Lead Fingerstick Test, 302
Parvin, C.A. Quality-Control (QC) Performance Measures and the QC Planning Process, 602
Parvin, C.A. and Gronowski, A.M. Effect of Analytical Run Length on Quality-Control (QC) Performance and the QC Planning Process, 2149
Parvin, C. *See* Scott, Lewis, Lo, and Parvin
Pascual, C. *See* Marti, Varela, Segura, Alegre, Suriñach, and Pascual
Pastore, L. *See* Sacchetti, Sarrantonio, Pastore, Carlino, Calcagno, Ferrajolo, and Salvatore
Patricot, M.C. *See* Morineau, Gosling, Patricot, Soliman, Boudou, Al Halnak, Le Brun, Brérault, Julien, Villette, and Fiet
Patterson, D.G., Jr. *See* Bernert, Turner, Pirkle, Sosnoff, Akins, Waldrep, Ann, Covey, Whitfield, Gunter, Miller, Patterson, Needham, Hannon, and Sampson
Pau, B. *See* Calzolari, Marquet, and Pau
Paul, J.-L. *See* Simon, Paul, Soni, Simon, and Moatti
Paulsen, P.R. *See* Apple, Falahati, Paulsen, Miller, and Sharkey
Paulus, B. *See* Luppa, Brückner, Schwab, Hauck, Schmidmayr, Birkmayer, Paulus, and Hauptmann
Pavía, C. *See* Oriola, Plensa, Machuca, Pavía, and Rivera-Fillat
Pazzagli, M. *See* Gelmini, Orlando, Sestini, Vona, Pinzani, Ruocco, and Pazzagli
Pazzagli, M. *See* Pinzani, Petruzzi, Orlando, Stefanescu, Antonini, Serio, and Pazzagli
Peces, R. *See* Urra, de la Torre, Alcazar, and Peces
Pedersen, A.N. *See* Stephens, Pedersen, Nielsen, Hamers, Høyer-Hansen, Rønne, Dybkjær, Danø, and Brünner
Pedersen, B. *See* Petersen, Stöckl, Blaabjerg, Pedersen, Birkemose, Thienpont, Lassen, and Kjeldsen
Pedersen, E.B. *See* Carstens, Jensen, Ivarsen, Rasmussen, and Pedersen
Pellegrini, M. *See* Zuccaro, Pichini, Altieri, Rosa, Pellegrini, and Pacifici
Pelssers, E. *See* Van Damme, Van Velthoven, Kaelen, and Pelssers
Penders, T.J. *See* Doelman, Siebelder, Nijhof, Weykamp, Janssens, and Penders
Pennell, B.J. *See* Witte, VanNess, Angstadt, and Pennell
Perego, M. *See* Carrera, Barbieri, Ferrari, Righetti, Perego, and Gelfi
Peretz, H. *See* Zivelin, Rosenberg, Peretz, Amit, Kornbrot, and Seligsohn
Pernow, Y. *See* Rong, Ji, Pernow, Sjöstedt, and Bucht
Perrett, D. *See* Harwood, Little, Gallacher, Perrett, Edwards, and Dawnay
Perry, P.J., MacIndoe, J.H., Yates, W.R., Scott, S.D., and Holman, T.L. Detection of Anabolic Steroid Administration: Ratio of Urinary Testosterone to Epitestosterone vs the Ratio of Urinary Testosterone to Luteinizing Hormone, 731
Persing, D.H. *See* Tang, Procop, and Persing
Pesce, A.J. *See* Hickman, Potter, and Pesce
Petani, S., Topić, E., Turčić, G., and Däschner, M. Clinical Evaluation of the Cell-Dyn® 1700CS Blood Counter (tech brief), 1085
Petek, W. *See* Kessler, Meinitzer, Petek, and Wolfbeis
Petersen, J.R. *See* Mohammad, Okorodudu, Bissell, Dow, Reger, Meier, Guodagno, and Petersen
Petersen, J.R. *See* Rao, Petersen, Bissell, Okorodudu, and Mohammad
Petersen, P.H., Stöckl, D., Blaabjerg, O., Pedersen, B., Birkemose, E., Thienpont, L., Lassen, J.F., and Kjeldsen, J. Graphical Interpretation of Analytical Data from Comparison of a Field Method with a Reference Method by Use of Difference Plots, 2039
Petersen, P.H. *See* Dahler-Eriksen, Lassen, Petersen, Lund, Lauritzen, and Brandslund
Petersen, P.H. *See* Kjeldsen, Lassen, Petersen, and Brandslund
Petit, B. *See* Sadeg, François, Petit, Dutertre-Catella, and Dumontet
Petruzzi, E. *See* Pinzani, Petruzzi, Orlando, Stefanescu, Antonini, Serio, and Pazzagli
Pettersson, K. *See* Katrukha, Bereznikova, Esakova, Pettersson, Lövgren, Severina, Pulkki, Vuopio-Pulkki, and Gusev
Pettersson, K. *See* Lövgren, Heinonen, Lehtinen, Hakala, Heinola, Harju, Takalo, Mukkala, Schmid, Lönnberg, Pettersson, and Itiä
Pettersson, K. *See* Qin, Christiansen, Oxvig, Pettersson, Sottrup-Jensen, Koch, and Nørgaard-Pedersen
Petty, E.M. and Killeen, A.A. *BRCA1* Mutation Testing: Controversies and Challenges (editorial), 6
Peyrat, J.-P. *See* Révillion, Hornez, and Peyrat
Phillips, D.L. Quality Systems for Unit-Use Testing Devices, 893
Phillips, W.D. *See* Helmerson, Kishore, Phillips, and Wetall
Piccoli, A. *See* De Angelis, Riscazzi, Salvini, Piccoli, Ferri, and Santucci
Pichini, S. *See* Zuccaro, Pichini, Altieri, Rosa, Pellegrini, and Pacifici
Pieber, T. *See* Halwachs-Baumann, Katzensteiner, Schnedl, Pürstner, Pieber, and Wilders-Truschnig
Pietzsch, J., Julius, U., and Hanefeld, M. Rapid Determination of Total Homocysteine in Human Plasma by Using *N*(*O*,*S*)-Ethoxycarbonyl Ethyl Ester Derivatives and Gas Chromatography–Mass Spectrometry (tech brief), 2001
Pilo, A. *See* Zucchelli, Pilo, Chiesa, Cohen, and Bizollon
Pinto, A.M.P. *See* Costa, Trivelato, Pinto, and Bechara
Pinzani, P., Petruzzi, E., Orlando, C., Stefanescu, A., Antonini, M.F., Serio, M., and Pazzagli, M. Reduced Serum Antioxidant Capacity in Healthy Centenarians (letter), 855
Pinzani, P. *See* Gelmini, Orlando, Sestini, Vona, Pinzani, Ruocco, and Pazzagli
Piolot, R. *See* Schadewaldt, Schommartz, Wienrich, Brösicke, Piolot, and Ziegler
Piras, G. *See* John, Braconnier, Miedema, Aulesa, and Piras
Pirkle, J.L. *See* Bernert, Turner, Pirkle, Sosnoff, Akins, Waldrep, Ann, Covey, Whitfield, Gunter, Miller, Patterson, Needham, Hannon, and Sampson
Pittman, T. *See* Broussard, Presley, Pittman, Clouette, and Wimbish
Pizzolato, S. *See* Wang, Pizzolato, and Demshar
Pizzolato, S. *See* Wang, Pizzolato, Demshar, and Smith
Planella, T., Cortés, M., Martínez-Brú, C., González-Sastre, F., and Ordóñez-Llanos, J. Calculation of LDL-Cholesterol by Using Apolipoprotein B for Classification of Nonchylomicronemic Dyslipemia, 808
Plebani, M. and Carraro, P. Mistakes in a Stat Laboratory: Types and Frequency, 1348
Pleil, J.D. and Lindstrom, A.B. Exhaled Human Breath Measurement Method for Assessing Exposure to Halogenated Volatile Organic Compounds, 723
Plensa, I. *See* Oriola, Plensa, Machuca, Pavía, and Rivera-Fillat
Plotkin, E., McAleer, J.F., Cordeiro, M.L., Ackland, M.R., Sheehan, T.M., and Braithwaite, R.A. Convenient, Rapid Test for Lead in Blood with Use of Disposable Electrodes (tech brief), 2187
Pollitt, R.J. *See* Seddon, Gray, Pollitt, Iitiä, and Green
Pond, S.M. *See* Taylor, Hogan, Lynch, Johnson, and Pond
Pontillo, M. *See* Banfi, Parma, and Pontillo
Pontillo, M. *See* Banfi, Pontillo, Dolci, and Roi
Poon, P.M.K. *See* Lam, Pang, Poon, Yin, and Bharathi
Porterfield, D. *See* Bodor, Survant, Voss, Smith, Porterfield, and Apple
Porvari, K. *See* Herrala, Kurkela, Porvari, Isomäki, Henttu, and Vihko
Post, D.R. *See* Benecky, Post, Schmitt, and Kochar
Potter, J.M. *See* Hickman, Potter, and Pesce
Pradelles, P. *See* Grassi and Pradelles
Pradelles, P. *See* Taran, Frobert, Créminon, Grassi, Olichon, Mioskowski, and Pradelles
Praet, M. *See* Delanghe, Vlaminck, Bernard, Robberecht, Praet, De Buyzere, Quatacker, Van Roy, and Van Duynslaegher
Preece, M.A. *See* Hutchesson, Preece, Gray, and Green
Préhu, C. *See* Riou, Godart, Hurtrel, Mathis, Bimet, Bardakdjian-Michau, Préhu, Wajcman, and Galactéros
Prellwitz, W. *See* Dati, Hafner, Erbes, Prellwitz, Kraus, Niemann, Noah, and Wagner
Presley, L.C. *See* Broussard, Presley, Pittman, Clouette, and Wimbish
Preston, K. *See* Crook, Preston, and Lancaster
Price, C. *See* Akintola, Sampson, Burrin, Fleck, Price, and Hall
Price, C.P., Milligan, T.P., and Darte, C. Direct Comparison of Performance Characteristics of Two Immunoassays for Bone Isoform of Alkaline Phosphatase in Serum, 2052
Price, C.P. *See* Finney, Newman, Gruber, Merle, and Price
Price, C.P. *See* Holownia, Bishop, Newman, John, and Price
Price, C.P. *See* Thakkar, Newman, Holownia, Davey, Wang, Lloyd, Craig, and Price
Price, C.P. *See* Thompson, Craig, Davey, Newman, Lonsdale, Bucher, Nagle, and Price
Priem, F. *See* Filler, Witt, Priem, Ehrich, and Jung
Pritchard, C.G. *See* Oberhardt, Mize, and Pritchard
Procop, G.W. *See* Tang, Procop, and Persing
Prough, R.A. *See* Linder, Prough, and Valdes
Pruna, A. *See* Morineau, Boudi, Barka, Gourmelen, Degeilh, Hardy, Al-Halnak, Soliman, Gosling, Julien, Brerault, Boudou, Aubert, Villette, Pruna, Galons, and Fiet

Puca, G.A. *See* Cioffi, Molinari, Gazzerro, Di Finizio, Fratta, Deufemia, and Puca
Puente, J.L. *See* Loidi, Vidal, Zalvide, Puente, Reyes, and Domínguez
Puerta, A. *See* Gámez, Ruiz-López, Artacho, Navarro, Puerta, and López
Pulkki, K. *See* Katrukha, Bereznikova, Esakova, Pettersson, Lövgren, Severina, Pulkki, Vuopio-Pulkki, and Gusev
Punnonen, K. *See* Suominen, Punnonen, Rajamäki, and Irjala
Pürstner, P. *See* Halwachs-Baumann, Katzensteiner, Schnedl, Pürstner, Pieber, and Wilders-Truschnig

Q

Qian, Y., Sensibar, J.A., Zelner, D.J., Schaeffer, A.J., Finlay, J.A., Rittenhouse, H.G., and Lee, C. Two-Dimensional Gel Electrophoresis Detects Prostate-Specific Antigen–α_1-Antichymotrypsin Complex in Serum but Not in Prostatic Fluid, 352
Qin, Q.-P., Christiansen, M., Oxvig, C., Pettersson, K., Sottrup-Jensen, L., Koch, C., and Nørgaard-Pedersen, B. Double-Monoclonal Immunofluorometric Assays for Pregnancy-Associated Plasma Protein A/Proeosinophil Major Basic Protein (PAPP-A/proMBP) Complex in First-Trimester Maternal Serum Screening for Down Syndrome, 2323
Quatacker, J. *See* Delanghe, Vlaminck, Bernard, Robberecht, Praet, De Buyzere, Quatacker, Van Roy, and Van Duynslaegher
Quirós, A. *See* Sotorrío, Quirós, and Izquierdo

R

Raisbeck, G.M. *See* Jouhanneau, Raisbeck, Yiou, Lacour, Banide, and Drüeke
Raisys, V.A. *See* Lyon and Raisys
Raith, H. *See* Scholer, Boecker, Engelmayer, Feldmann, Hannak, Kattermann, Oellerich, Raith, Schlebusch, Wieland, Willems, Jarausch, and Domke
Rajamäki, A. *See* Suominen, Punnonen, Rajamäki, and Irjala
Rajaniemi, H. *See* Kivelä, Parkkila, Waheed, Parkkila, Sly, and Rajaniemi
Rand, R.N. *See* Curme and Rand
Rao, J. *See* Law, Doshi, McGeehan, McGeehan, Gibboni, Nikolioukine, Keane, Zheng, Rao, and Ertingshausen
Rao, L.V., Petersen, J.R., Bissell, M.G., Okorodudu, A.O., and Mohammad, A.A. Specific Determination of Urinary Free Cortisol by Solid-Phase Microparticle Extraction Capillary Electrophoresis with Fused Silica Capillaries, 1801
Rao, P.S. *See* Wilson, Metz, Graver, and Rao
Rashed, M.S., Bucknall, M.P., Little, D., Awad, A., Jacob, M., Alamoudi, M., Alwattar, M., and Ozand, P.T. Screening Blood Spots for Inborn Errors of Metabolism by Electrospray Tandem Mass Spectrometry with a Microplate Batch Process and a Computer Algorithm for Automated Flagging of Abnormal Profiles, 1129
Rasmussen, L.M. *See* Carstens, Jensen, Ivarsen, Rasmussen, and Pedersen
Rauh, J. *See* Metcalfe and Rauh
Ravenscroft, E.M. *See* Meikle, Brooks, Ravenscroft, Yan, Williams, Jaunzems, Chataway, Karageorgos, Davey, Boulter, Carlsson, and Hopwood
Ray, P.N. *See* Strasberg, Noreau, McGlynn-Steele, Koultschitski, and Ray
Reddy, P.L., Bowie, L.J., and Callistein, S. Binding of Nitric Oxide to Thiols and Hemes in Hemoglobin H: Implications for α-Thalassemia and Hypertension, 1442
Reding, R. *See* Wallemacq, Leal, Besse, Squifflet, Reding, Otte, Lerut, and Hassoun
Reed, R.G. In Search of the Ideal Measure of High-Density Lipoprotein (editorial), 1809
Refsum, H. *See* Ulvik, Refsum, Kluijtmans, and Ueland
Reger, G. *See* Mohammad, Okorodudu, Bissell, Dow, Reger, Meier, Guodagno, and Petersen
Rehak, N.N., Cecco, S.A., Niemela, J.E., and Elin, R.J. Thiocyanate in Smokers Interferes with the Nova Magnesium Ion-Selective Electrode, 1595
Rehak, N.N. *See* Hristova, Rehak, Cecco, Ruddel, Herion, Eckardt, Linnoila, and Elin
Reich, A. *See* Keim, Teich, Reich, Fiedler, and Mössner
Reichen, J. *See* Albrecht, Reichen, Visser, Meijer, and Thormann
Reilly, A.A. *See* Parsons, Reilly, and Esernio-Jenssen
Reinauer, H. *See* Withold, Armbruster, Karmatschek, and Reinauer
Rej, R. Liver Diseases and the Clinical Laboratory—The Twentieth Arnold O. Beckman Conference in Clinical Chemistry, 1473
Relman, A.S. The Market for Health Care: Where is the Patient?, 2225
Remppis, A. *See* Müller-Bardorff, Hallermayer, Schröder, Ebert, Borgya, Gerhardt, Remppis, Zehelein, and Katus
Renner, F. and Kanitz, R.-D. Quantification of Carbohydrate-Deficient Transferrin by Ion-Exchange Chromatography with an Enzymatically Prepared Calibrator, 485
Révillion, F., Hornez, L., and Peyrat, J.-P. Quantification of *c-erbB*-2 Gene Expression in Breast Cancer by Competitive RT-PCR, 2114
Reyes, A.A., Carrera, P., Cardillo, E., Ugozzoli, L., Lowery, J.D., Lin, C.-I.P., Go, M., Ferrari, M., and Wallace, R.B. Ligase Chain Reaction Assay for Human Mutations: the Sickle Cell by LCR Assay, 40
Reyes, F. *See* Loidi, Vidal, Zalvide, Puente, Reyes, and Domínguez
Rezuke, W.N., Abernathy, E.C., and Tsongalis, G.J. Molecular Diagnosis of B- and T-Cell Lymphomas: Fundamental Principles and Clinical Applications, 1814
Ribalta, J., LaVille, A.E., Girona, J., Vallvé, J.C., and Masana, L. Low Plasma Vitamin A Concentrations in Familial Combined Hyperlipidemia, 2379
Ricchiuti, V., Zhang, J., and Apple, F.S. Cardiac Troponin I and T Alterations in Hearts with Severe Left Ventricular Remodeling, 990
Ricós, C. *See* Biosca, Ricós, Jiménez, Lauzurica, and Galimany
Ricós, C. *See* Covas, Coca, Ricós, and Marrugat
Ridgway, H.J., Brennan, S.O., Fellowes, A.P., and George, P.M. Rapid Detection of the Fibrinogen Aα16Arg →His Mutation (tech brief), 2184
Rifai, N. *See* Harris, Galpchian, Thomas, Iannotti, Law, and Rifai
Righetti, P.G. *See* Carrera, Barbieri, Ferrari, Righetti, Perego, and Gelfi
Riou, J., Godart, C., Hurtrel, D., Mathis, M., Bimet, C., Bardakdjian-Michau, J., Préhu, C., Wajcman, H., and Galactéros, F. Cation-Exchange HPLC Evaluated for Presumptive Identification of Hemoglobin Variants, 34
Riscazzi, M. *See* De Angelis, Riscazzi, Salvini, Piccoli, Ferri, and Santucci
Rittenhouse, H.G. *See* Qian, Sensibar, Zelner, Schaeffer, Finlay, Rittenhouse, and Lee
Ritter, D., Cortese, C.M., Edwards, L.C., Barr, J.L., Chung, H.D., and Long, C. Interference with Testing for Lysergic Acid Diethylamide, 635
Rivera-Fillat, F. *See* Oriola, Plensa, Machuca, Pavía, and Rivera-Fillat
Rivero-Marcotegui, A., Larrañaga-Azcárate, C., Ceres-Ruiz, R., and García-Merlo, S. Polymorphonuclear Elastase and Interleukin-6 in Amniotic Fluid in Preterm Labor (letter), 857
Rix, C.J. *See* Tsipouras, Rix, and Brady
Robberecht, E. *See* Delanghe, Vlaminck, Bernard, Robberecht, Praet, De Buyzere, Quatacker, Van Roy, and Van Duynslaegher
Roberts, N.B., Green, B.N., and Morris, M. Potential of Electrospray Mass Spectrometry for Quantifying Glycohemoglobin, 771
Roberts, R. *See* Ishikawa, Saffitz, Mealman, Grace, and Roberts
Roberts, R. *See* Steinberg, Sokoll, Bowles, Nichols, Roberts, Schultheis, and O'Donnell
Roberts, S.G. *See* O'Kane, Ebert, Hallaway, Roberts, and Tenner
Roberts, S.M. *See* Lee, Roberts, and Labbe
Roberts, W.L., Calcote, C.B., De, B.K., Holmstrom, V., Narlock, C., and Apple, F.S. Prevention of Analytical False-Positive Increases of Cardiac Troponin I on the Stratus II Analyzer (letter), 860
Robson, R. *See* Johnson, McNutt, MacMahon, and Robson
Roding, J.H.A., Weterings, T., and van der Heiden, C. Plasma Renin Activity: Temperature Optimum at ~45 °C, 1243
Roethel, D.A.H. Some Historical Perspectives on AACC, 1232
Rogers, B.B. *See* Bai, Hosler, Rogers, Dawson, and Scheuermann
Rohlfs, E.M., Learning, W.G., Friedman, K.J., Couch, F.J., Weber, B.L., and Silverman, L.M. Direct Detection of Mutations in the Breast and Ovarian Cancer Susceptibility Gene *BRCA1* by PCR-Mediated Site-Directed Mutagenesis, 24
Roi, G.S. *See* Banfi, Pontillo, Dolci, and Roi
Rojas-Hidalgo, E. *See* Olmedilla, Granado, Gil-Martinez, Blanco, and Rojas-Hidalgo
Roman, S.J. *See* Woodrum, French, Hill, Roman, Slatore, Shaffer, York, Eure, Loveland, Gasior, Southwick, and Shamel
Romner, B. *See* Nygaard, Langbakk, and Romner
Rong, H., Deftos, L.J., Ji, H., and Bucht, E. Two-Site Immunofluorometric Assay of Intact Salmon Calcitonin with Improved Sensitivity, 71
Rong, H., Ji, H., Pernow, Y., Sjöstedt, U., and Bucht, E. Quantification of Parathyroid Hormone-Related Protein mRNA by Competitive PCR and Time-Resolved Lanthanide Fluorometry, 2268
Rønne, E. *See* Stephens, Pedersen, Nielsen, Hamers, Høyer-Hansen, Rønne, Dybkjær, Danø, and Brünner
Roper, L. *See* Wu, Feng, Roper, Herbert, and Schweizer
Ropero-Miller, J.D., Garside, D., and Goldberger, B.A. Automated On-Line Hydrolysis of Benzodiazepines Improves Sensitivity of Urine Screening by a Homogeneous Enzyme Immunoassay (tech brief), 1659
Rosa, M. *See* Zuccaro, Pichini, Altieri, Rosa, Pellegrini, and Pacifici
Rosberg, S. *See* Jansson, Boguszewski, Rosberg, Carlsson, and Albertsson-Wikland
Rosenberg, N. *See* Zivelin, Rosenberg, Peretz, Amit, Kornbrot, and Seligsohn
Rosenblatt, D.S. *See* Gilfix, Blank, and Rosenblatt
Rosenfeld, L. Gastric Tubes, Meals, Acid, and Analysis: Rise and Decline, 837
Rosenfeld, L. Vitamine—Vitamin. The Early Years of Discovery, 680
Rosenthal, P. Assessing Liver Function and Hyperbilirubinemia in the Newborn, 228
Ross, I.S. *See* Cull, Manley, Stratton, Neil, Ross, Holman, Turner, and Matthews
Rotella, C.M. *See* Ognibene, Pala, Messeri, Rotella, and Berti
Ruddel, M. *See* Elin, Fried, Sampson, Ruddel, Kleiner, and DiBisceglie
Ruddel, M. *See* Hristova, Rehak, Cecco, Ruddel, Herion, Eckardt, Linnoila, and Elin
Ruddel, M. *See* Sampson, Ruddel, Albright, and Elin
Rudensky, B. *See* Kaplan, Leiter, Hammerman, and Rudensky
Ruiz-López, D. *See* Gámez, Ruiz-López, Artacho, Navarro, Puerta, and López
Ruocco, L. *See* Gelmini, Orlando, Sestini, Vona, Pinzani, Ruocco, and Pazzagli

Ryan, R.M. *See* Kwong and Ryan

S

Saavedra, J. *See* Lopez-Crapez, Chypre, Saavedra, Marchand, and Grenier

Sacchetti, L., Sarrantonio, C., Pastore, L., Carlino, V., Calcagno, G., Ferrajolo, A., and Salvatore, F. Rapid Identification of HLA DQA1*0501, DQB1*0201, and DRB1*04 Alleles in Celiac Disease by a PCR-Based Methodology (tech brief), 2204

Sachs, C. *See* Souberbielle, Marque, Bonnet, Herviaux, and Sachs

Sacks, D.B. Implications of the Revised Criteria for Diagnosis and Classification of Diabetes Mellitus (editorial), 2230

Sadeg, N., François, G., Petit, B., Dutertre-Catella, H., and Dumontet, M. Automated Liquid-Chromatographic Analyzer Used for Toxicology Screening in a General Hospital: 12 Months' Experience, 498

Sadler, W.A., Smith, M.H., Murray, L.M., and Turner, J.G. A Pragmatic Approach to Estimating Total Analytical Error of Immunoassays, 608

Saffitz, J.E. *See* Ishikawa, Saffitz, Mealman, Grace, and Roberts

Sägers, A. *See* Nauck, März, Jarausch, Cobbaert, Sägers, Bernard, Delanghe, Honauer, Lehmann, Oestrich, von Eckardstein, Walch, Wieland, and Assmann

Sagnella, G.A. *See* Miller, Sagnella, and MacGregor

Sailer, D. *See* Colford, Sailer, and Langman

Saito, T. *See* Yukawa, Suzuoka, Saito, Forrest, Osawa, and Takeichi

Salani, G. *See* De Bellis, Salani, Panigone, Betti, Invernizzi, and Luzzana

Salas, A. *See* Diamandis, Nadkarni, Bhaumik, Abdelrahman, Melegos, Borchert, Black, Alonso, Salas, De Los Toyos, Sampedro, and López-Otín

Salomäki, A. *See* Huang, Salomäki, Malin, Koivula, Jokela, and Lehtimäki

Salvatore, F. *See* Sacchetti, Sarrantonio, Pastore, Carlino, Calcagno, Ferrajolo, and Salvatore

Salvini, R. *See* De Angelis, Riscazzi, Salvini, Piccoli, Ferri, and Santucci

Sampedro, A. *See* Diamandis, Nadkarni, Bhaumik, Abdelrahman, Melegos, Borchert, Black, Alonso, Salas, De Los Toyos, Sampedro, and López-Otín

Sampson, B. *See* Akintola, Sampson, Burrin, Fleck, Price, and Hall

Sampson, E.J. *See* Bernert, Turner, Pirkle, Sosnoff, Akins, Waldrep, Ann, Covey, Whitfield, Gunter, Miller, Patterson, Needham, Hannon, and Sampson

Sampson, M., Ruddel, M., Albright, S., and Elin, R.J. Positive Interference in Lithium Determinations from Clot Activator in Collection Container, 675

Sampson, M. *See* Elin, Fried, Sampson, Ruddel, Kleiner, and DiBisceglie

Sandbulte, C. *See* Gniewek, Sandbulte, and Fox

Sanders, G.T. *See* de Winter, Koster, van Straalen, Gorgels, Hoek, and Sanders

Santucci, A. *See* De Angelis, Riscazzi, Salvini, Piccoli, Ferri, and Santucci

Sapin, R., Gasser, F., d'Herbomez, M., Wemeau, J.L., Ebert, C., and Schlienger, J.L. Elecsys® Thyrotropin (TSH) Assay Evaluated (tech brief), 545

Sarkozi, L., Jacobs, E., Clark, T., Gawryl, M.S., and Simson, E. Effect of Hemoglobin-Based Oxygen Carrier-201 on Common Chemistry Laboratory Procedures, 1792

Sarrantonio, C. *See* Sacchetti, Sarrantonio, Pastore, Carlino, Calcagno, Ferrajolo, and Salvatore

Sarrion-Pelous, D. *See* Muñoz-Perez, Sarrion-Pelous, Jimenez-Jimenez, Martinez-Montiel, and Gallego-Valdes

Sasamoto, K. *See* Okazaki, Sasamoto, Muramatsu, and Hosaki

Sauter, E.R. *See* Zarghami, Grass, Sauter, and Diamandis

Savoy, A. *See* Markoff, Savoy, Vladimirov, Bogdanova, Kremensky, and Ganev

Sawada, H. *See* Takada, Nazu, Hibi, Tsukada, Shibasaki, Fujise, Fujimuro, Sawada, Yokosawa, and Ohkawa

Schadewaldt, P., Schommartz, B., Wienrich, G., Brösicke, H., Piolot, R., and Ziegler, D. Application of Isotope-Selective Nondispersive Infrared Spectrometry (IRIS) for Evaluation of [^{13}C]Octanoic Acid Gastric-Emptying Breath Tests: Comparison with Isotope Ratio–Mass Spectrometry (IRMS), 518

Schaeffer, A.J. *See* Qian, Sensibar, Zelner, Schaeffer, Finlay, Rittenhouse, and Lee

Schalekamp, M.A.D.H. *See* Derkx and Schalekamp

Schaller, E. *See* Azzazy, Duh, Maturen, Schaller, Shaw, Grimaldi, Shock, and Christenson

Scheffer, P.G., Bakker, S.J.L., Heine, R.J., and Teerlink, T. Measurement of Low-Density Lipoprotein Particle Size by High-Performance Gel-Filtration Chromatography, 1904

Scheiff, J.-M. *See* Osselaer, Jamart, and Scheiff

Schennach, H. *See* Widner, Werner, Schennach, Wachter, and Fuchs

Scherrer, C. *See* Ju, Leung, Brown, Stringer, Leigh, Scherrer, Shepard, Jenkins, Knudsen, and Cannon

Scheuermann, R.H. *See* Bai, Hosler, Rogers, Dawson, and Scheuermann

Schlebusch, H. *See* Scholer, Boecker, Engelmayer, Feldmann, Hannak, Kattermann, Oellerich, Raith, Schlebusch, Wieland, Willems, Jarausch, and Domke

Schlienger, J.L. *See* Sapin, Gasser, d'Herbomez, Wemeau, Ebert, and Schlienger

Schloegel, I. *See* Leung, Dees, Cyr, Schloegel, and Kao

Schmid, R. *See* Lövgren, Heinonen, Lehtinen, Hakala, Heinola, Harju, Takalo, Mukkala, Schmid, Lönnberg, Pettersson, and Iitiä

Schmidmayr, S. *See* Luppa, Brückner, Schwab, Hauck, Schmidmayr, Birkmayer, Paulus, and Hauptmann

Schmidt, R. *See* Mohr, Cullen, Schmidt, Cignarella, and Assmann

Schmitt, S.M. *See* Benecky, Post, Schmitt, and Kochar

Schnedl, W. *See* Halwachs-Baumann, Katzensteiner, Schnedl, Pürstner, Pieber, and Wilders-Truschnig

Schneider, B.H., Edwards, J.G., and Hartman, N.F. Hartman Interferometer: Versatile Integrated Optic Sensor for Label-Free, Real-Time Quantification of Nucleic Acids, Proteins, and Pathogens, 1757

Schofield, D. and Braganza, J.M. Measurement of Individual vs Total Antioxidants (letter, reply), 853

Scholer, A., Boecker, J., Engelmayer, U., Feldmann, K., Hannak, D., Kattermann, R., Oellerich, M., Raith, H., Schlebusch, H., Wieland, H., Willems, D., Jarausch, J., and Domke, I. Comparability of a New Turbidimetric Digoxin Test with Other Immunochemical Tests and with HPLC—a Multicenter Evaluation, 92

Schollen, E., Vandenberk, P., Cassiman, J.-J., and Matthijs, G. Development of Reverse Dot-Blot System for Screening of Mitochondrial DNA Mutations Associated with Leber Hereditary Optic Atrophy, 18

Schommartz, B. *See* Schadewaldt, Schommartz, Wienrich, Brösicke, Piolot, and Ziegler

Schröder, A. *See* Müller-Bardorff, Hallermayer, Schröder, Ebert, Borgya, Gerhardt, Remppis, Zehelein, and Katus

Schrooten, I. *See* D'Haese, Van Landeghem, Lamberts, Bekaert, Schrooten, and De Broe

Schultheis, S.K. *See* Steinberg, Sokoll, Bowles, Nichols, Roberts, Schultheis, and O'Donnell

Schurek, J.O. *See* Kropf, Schurek, Wollner, and Gressner

Schuster, H. *See* Baron, Fung, Aydin, Bähring, Jeschke, Luft, and Schuster

Schütz, E. *See* Andreeva, Niedmann, Schütz, Wieland, Armstrong, and Oellerich

Schwab, I. *See* Luppa, Brückner, Schwab, Hauck, Schmidmayr, Birkmayer, Paulus, and Hauptmann

Schweizer, R. *See* Wu, Feng, Roper, Herbert, and Schweizer

Scott, M.G., Kucik, D.F., Goodnough, L.T., and Monk, T.G. Blood Substitutes: Evolution and Future Applications, 1724

Scott, M.G., Lewis, L., Lo, S., and Parvin, C. Point-of-Care Testing and Length of Stay (letter, reply), 860

Scott, M.G. *See* Karon, Kempe, and Scott

Scott, M.G. *See* Kempe, Czeschin, Yates, Deuser, and Scott

Scott, M.G. *See* Ma, Monk, Goodnough, McClellan, Gawryl, Clark, Moreira, Keipert, and Scott

Scott, M.G., Hock, K.G., Crimmins, D.L., and Fracasso, P.M. HPLC Method for Monitoring SDZ PSC 833 in Whole Blood, 505

Scott, S.D. *See* Perry, MacIndoe, Yates, Scott, and Holman

Scuro, L. *See* Letizia, Cerci, Subioli, Scuro, and Clemente

Sealey, J.E., Catanzaro, D., and Laragh, J.H. More on Renin (letter, reply), 695

Sebastiani, M. *See* Mannello, Sebastiani, Amati, and Gazzanelli

Seccia, M., Albano, E., and Bellomo, G. Suitability of Chemical In Vitro Models to Investigate LDL Oxidation: Study with Different Initiating Conditions in Native and α-Tocopherol-Supplemented LDL, 1436

Seccombe, D.W. *See* McNamara, Leary, Ceriotti, Boersma-Cobbaert, Cole, Hassemer, Nakamura, Packard, Seccombe, Kimberly, Myers, and Cooper

Seddon, H.R., Gray, G., Pollitt, R.J., Iitiä, A., and Green, A. Population Screening for the Common G985 Mutation Causing Medium-Chain Acyl-CoA Dehydrogenase Deficiency with Eu-Labeled Oligonucleotides and the DELFIA System, 436

Sedor, F.A. *See* Copeland, Loun, and Sedor

Seebacher, G. *See* Griesmacher, Weigel, Seebacher, and Müller

Segura, R.M. *See* Marti, Varela, Segura, Alegre, Suriñach, and Pascual

Seibel, M.J. *See* Karmatschek, Maier, Seibel, Woitge, Ziegler, and Armbruster

Seibel, M.J. *See* Woitge and Seibel

Seligsohn, U. *See* Zivelin, Rosenberg, Peretz, Amit, Kornbrot, and Seligsohn

Senadheera, D. *See* Wong and Senadheera

Senna, I.A. *See* Eissa, Mostafa, El-Gendy, and Senna

Sensibar, J.A. *See* Qian, Sensibar, Zelner, Schaeffer, Finlay, Rittenhouse, and Lee

Serio, M. *See* Pinzani, Petruzzi, Orlando, Stefanescu, Antonini, Serio, and Pazzagli

Sestini, R. *See* Gelmini, Orlando, Sestini, Vona, Pinzani, Ruocco, and Pazzagli

Sethi, S. K. *See* Choong, Koay, Khoo, Khaw, and Sethi

Severina, M.E. *See* Katrukha, Bereznikova, Esakova, Pettersson, Lövgren, Severina, Pulkki, Vuopio-Pulkki, and Gusev

Shablesky, L. *See* Green, Carey, Westgard, Carten, Shablesky, Achord, Page, and Le

Shaffer, J.L. *See* Woodrum, French, Hill, Roman, Slatore, Shaffer, York, Eure, Loveland, Gasior, Southwick, and Shamel

Shaked, A., Nunes, F.A., Olthoff, K.M., and Lucey, M.R. Assessment of Liver Function: Pre- and Peritransplant Evaluation, 1539

Shamel, L.B. *See* Woodrum, French, Hill, Roman, Slatore, Shaffer, York, Eure, Loveland, Gasior, Southwick, and Shamel

Sharkey, S.W. *See* Apple, Falahati, Paulsen, Miller, and Sharkey

Sharkey, S.W. *See* McLaurin, Apple, Voss, Herzog, and Sharkey

Sharma, T.K., Young, E.L., Miller, S., and Cutler, A.F. Evaluation of a Rapid, New Method for Detecting Serum IgG Antibodies to *Helicobacter pylori*, 832

Shaw, L. *See* Azzazy, Duh, Maturen, Schaller, Shaw, Grimaldi, Shock, and Christenson
Sheehan, D.M. Isoflavone Content of Breast Milk and Soy Formulas: Benefits and Risks (letter), 850
Sheehan, T.M. *See* Plotkin, McAleer, Cordeiro, Ackland, Sheehan, and Braithwaite
Shepard, K. *See* Ju, Leung, Brown, Stringer, Leigh, Scherrer, Shepard, Jenkins, Knudsen, and Cannon
Shibasaki, T. *See* Takada, Nazu, Hibi, Tsukada, Shibasaki, Fujise, Fujimuro, Sawada, Yokosawa, and Ohkawa
Shibata, K. *See* Numata, Morita, Kosugi, Shibata, Takeuchi, and Uchida
Shimada, H. *See* Ishikawa, Ichikawa, Miura, Momiyama, Keller, Koo, Akitaya, Shimada, and Mitsuhashi
Shimozawa, N. *See* Inoue, Suzuki, Yajima, Shimozawa, Orii, and Kondo
Shmerling, D.H. *See* Winklhofer-Roob, van't Hof, and Shmerling
Shock, G. *See* Azzazy, Duh, Maturen, Schaller, Shaw, Grimaldi, Shock, and Christenson
Shoffner, M.A. *See* Fortina, Cheng, Shoffner, Surrey, Hitchcock, Kricka, and Wilding
Shwonek, P. *See* Everhart, Cheung, Shwonek, Zabel, Tisdale, Jacob, Mendelson, and Jones
Siebelder, C.W.M. *See* Doelman, Siebelder, Nijhof, Weykamp, Janssens, and Penders
Siegelman, M., Mohabeer, A., Fahey, T.J., III, Tomlinson, G., Mayambala, C., Jafari, S., Noll, W.W., Thibodeau, S.N., and Dawson, D.B. Rapid, Nonradioactive Screening for Mutations in Exons 10, 11, and 16 of the *RET* Protooncogene Associated with Inherited Medullary Thyroid Carcinoma, 453
Siek, T.J., Stradling, C.W., McCain, M.W., and Mehary, T.C. Computer-Aided Identifications of Thin-Layer Chromatographic Patterns in Broad-Spectrum Drug Screening, 619
Silverman, L.M. *See* Rohlfs, Learning, Friedman, Couch, Weber, and Silverman
Simó, J. *See* Joven, Clivillé, Camps, Espinel, Simó, Vilella, and Oliver
Simon, A. *See* Simon, Paul, Soni, Simon, and Moatti
Simon, E., Paul, J.-L., Soni, T., Simon, A., and Moatti, N. Plasma and Erythrocyte Vitamin E Content in Asymptomatic Hypercholesterolemic Subjects, 285
Simson, E. *See* Sarkozi, Jacobs, Clark, Gawryl, and Simson
Sine, H.E. *See* Slickers and Sine
Singer, F.R. *See* Clemens, Herrick, Singer, and Eyre
Sjöstedt, U. *See* Rong, Ji, Pernow, Sjöstedt, and Bucht
Slatore, H.L. *See* Woodrum, French, Hill, Roman, Slatore, Shaffer, York, Eure, Loveland, Gasior, Southwick, and Shamel
Slavin, J. Isoflavone Content of Breast Milk and Soy Formulas: Benefits and Risks (letter, reply), 852
Slavin, J. More Information on Phytoestrogens in Breast Milk (letter), 548
Slickers, K.A. and Sine, H.E. Lipemia Interference with a Rate-Blanked Creatinine Method (reply), 410
Sly, W.S. *See* Kivelä, Parkkila, Waheed, Parkkila, Sly, and Rajaniemi
Smith, C.H. *See* Dietzen, Wilhite, Kenagy, Milliner, Smith, and Landt
Smith, K.M. *See* Blase, Sokoloff, and Smith
Smith, L.F. *See* Wang, Pizzolato, Demshar, and Smith
Smith, M.H. *See* Sadler, Smith, Murray, and Turner
Smith, P.L. *See* Fulton, McDade, Smith, Kienker, and Kettman
Smith, S.M., Davis-Street, J.E., Fontenot, T.B., and Lane, H.W. Assessment of a Portable Clinical Blood Analyzer During Space Flight, 1056
Smith, S. *See* Bodor, Survant, Voss, Smith, Porterfield, and Apple
Smith-Kielland, A. *See* Mørland and Smith-Kielland
Smythe, G.A. and Drew, C.M. REPCAT: Desktop Expert System for Interpreting and Validating Laboratory Data for Pheochromocytoma Diagnosis with the Database Application Omnis 7™, 134
Smythe, G.A. and Duncan, M.W. Immunoassay of Catecholamines and Metabolites (letter), 2011
Sniderman, A.D. Counterpoint: To (Measure Apo)B or Not to (MeasureApo)B: A Critique of Modern Medical Decision Making, 1310
Sokoll, L.J. *See* Steinberg, Sokoll, Bowles, Nichols, Roberts, Schultheis, and O'Donnell
Sokoloff, R.L. *See* Blase, Sokoloff, and Smith
Soliman, H. *See* Aubin, Le Brun, Moldovan, Villette, Créminon, Dumas, Homyrda, Soliman, Azizi, and Fiet
Soliman, H. *See* Morineau, Boudi, Barka, Gourmelen, Degeilh, Hardy, Al-Halnak, Soliman, Gosling, Julien, Brerault, Boudou, Aubert, Villette, Pruna, Galons, and Fiet
Soliman, H. *See* Morineau, Gosling, Patricot, Soliman, Boudou, Al Halnak, Le Brun, Brérault, Julien, Villette, and Fiet
Song, J.H. *See* Hong, Park, Lee, Song, and Kim
Soni, T. *See* Simon, Paul, Soni, Simon, and Moatti
Sosnoff, C.S. *See* Bernert, Turner, Pirkle, Sosnoff, Akins, Waldrep, Ann, Covey, Whitfield, Gunter, Miller, Patterson, Needham, Hannon, and Sampson
Sotorrío, P., Quirós, A., and Izquierdo, J.M. New Immunoelectrochemiluminometric Assay to Measure Serum Thyrotropin (tech brief), 2428
Sottrup-Jensen, L. *See* Qin, Christiansen, Oxvig, Pettersson, Sottrup-Jensen, Koch, and Nørgaard-Pedersen
Souberbielle, J., Marque, D., Bonnet, P., Herviaux, P., and Sachs, C. Simple Method to Evaluate Specificity of Osteocalcin Immunoassays (tech brief), 1663
Southwick, P.C. *See* Woodrum, French, Hill, Roman, Slatore, Shaffer, York, Eure, Loveland, Gasior, Southwick, and Shamel
Soya, Y. *See* Morishita, Nakane, Fukatsu, Nakashima, Tsuji, Soya, Yoneda, Asano, and Kawamura
Spandrio, M. *See* Panteghini, Agnoletti, Pagani, and Spandrio
Spencer, C.A. and Takeuchi, M. Thyroglobulin IRMA Pasteur Immunoassay: Sensitivity of the Assay and Interference from Thyroglobulin Autoantibodies (letter, reply), 414
Squifflet, J.-P. *See* Wallemacq, Leal, Besse, Squifflet, Reding, Otte, Lerut, and Hassoun
Stahl, M., Brandslund, I., Iversen, S., and Filtenborg, J.A. Quality Assessment of Blood Glucose Testing in General Practitioners' Offices Improves Quality, 1926
Stakkestad, J.A. *See* Mansoor, Kristensen, Hervig, Drabløs, Stakkestad, Woie, Hetland, and Osland
Starcevic, S.H. *See* Catlin, Hatton, and Starcevic
Stefanescu, A. *See* Pinzani, Petruzzi, Orlando, Stefanescu, Antonini, Serio, and Pazzagli
Stein, B. *See* Westgard and Stein
Stein, W. *See* Baum, Braun, Gerhardt, Gilson, Hafner, Müller-Bardorff, Stein, Klein, Ebert, Hallermayer, and Katus
Steinberg, D.M., Sokoll, L.J., Bowles, K.C., Nichols, J.H., Roberts, R., Schultheis, S.K., and O'Donnell, C.M. Clinical Evaluation of Toxi • Prep™: A Semiautomated Solid-Phase Extraction System for Screening of Drugs in Urine, 2099
Stenman, U.-H., Unkila-Kallio, L., Korhonen, J., and Alfthan, H. Immunoprocedures for Detecting Human Chorionic Gonadotropin: Clinical Aspects and Doping Control, 1293
Stenman, U.-H. *See* Korhonen, Alfthan, Ylöstalo, Veldhuis, and Stenman
Stenman, U.-H. *See* Turpeinen, Markkanen, Välimäki, and Stenman
Stephens, R.W., Pedersen, A.N., Nielsen, H.J., Hamers, M.J.A.G., Høyer-Hansen, G., Rønne, E., Dybkjær, E., Danø, K., and Brünner, N. ELISA Determination of Soluble Urokinase Receptor in Blood from Healthy Donors and Cancer Patients, 1868
Still, R. *See* Kuo, Still, Cale, and McDowell
Stöckl, D. *See* Petersen, Stöckl, Blaabjerg, Pedersen, Birkemose, Thienpont, Lassen, and Kjeldsen
Stradling, C.W. *See* Siek, Stradling, McCain, and Mehary
Strasberg, P.M., Noreau, D., McGlynn-Steele, L., Koultschitski, G., and Ray, P.N. PCR-Based Test for Two Cystic Fibrosis Mutations (A455E, 711+1 G→T) Common Among French Canadians (tech brief), 1083
Stratton, I.M. *See* Cull, Manley, Stratton, Neil, Ross, Holman, Turner, and Matthews
Stringer, M.A. *See* Ju, Leung, Brown, Stringer, Leigh, Scherrer, Shepard, Jenkins, Knudsen, and Cannon
Stuart, J. *See* Wians and Stuart
Stuart, K.J. *See* Braselton, Stuart, and Kruger
Sturgill, M.C. and Lambert, G.H. Xenobiotic-Induced Hepatotoxicity: Mechanisms of Liver Injury and Methods of Monitoring Hepatic Function, 1512
Subioli, S. *See* Letizia, Cerci, Subioli, Scuro, and Clemente
Sudo, K. *See* Maekawa, Sudo, Dey, Ishikawa, Izumi, Kotani, and Kanno
Suh, J.W., Lee, S.H., and Chung, B.C. GC-MS Determination of Organic Acids with Solvent Extraction After Cation-Exchange Chromatography, 2256
Sullivan, D.R. *See* Vrga, Contacos, Li, and Sullivan
Sundkvist, G. *See* Borg, Fernlund, and Sundkvist
Sundkvist, G. *See* Borg, Fernlund, and Sundkvist
Sundrehagen, E. *See* Bean, Liegmann, Løvli, Westby, and Sundrehagen
Sundrehagen, E. *See* Frantzen, Grimsrud, Heggli, Faaren, Løvli, and Sundrehagen
Suominen, P., Punnonen, K., Rajamäki, A., and Irjala, K. Evaluation of New Immunoenzymometric Assay for Measuring Soluble Transferrin Receptor to Detect Iron Deficiency in Anemic Patients, 1641
Suresh, M.R. *See* Kreutz and Suresh
Suriñach, J. M. *See* Marti, Varela, Segura, Alegre, Suriñach, and Pascual
Surrey, S. *See* Fortina, Cheng, Shoffner, Surrey, Hitchcock, Kricka, and Wilding
Survant, L. *See* Bodor, Survant, Voss, Smith, Porterfield, and Apple
Sussman, H. *See* Zehnder, Van Atta, Jones, Sussman, and Wood
Suzuki, Y. *See* Inoue, Suzuki, Yajima, Shimozawa, Orii, and Kondo
Suzuoka, T. *See* Yukawa, Suzuoka, Saito, Forrest, Osawa, and Takeichi
Svardal, A. *See* Bergmark, Mansoor, Svardal, and de Faire
Swan, S.K. The Search Continues—An Ideal Marker of GFR (editorial), 913
Synnes, A.R. Use of the Laboratory in Prediction of Outcome in the High-Risk Newborn, 243
Szabó, T. *See* Vásárhelyi, Szabó, Vér, and Tulassay

T

Taga, S. *See* Ishii, Wang, Naruse, Taga, Kinoshita, Kurokawa, Iwase, Kondo, Nomura, Nagamura, Watanabe, Hishida, Tanaka, and Kawamura
Takada, K., Nazu, H., Hibi, N., Tsukada, Y., Shibasaki, T., Fujise, K., Fujimuro, M., Sawada, H., Yokosawa, H., and Ohkawa, K. Serum Concentrations of Free Ubiquitin and Multiubiquitin Chains, 1188
Takalo, H. *See* Lövgren, Heinonen, Lehtinen, Hakala, Heinola, Harju, Takalo, Mukkala, Schmid, Lönnberg, Pettersson, and Iitiä
Takamura, N., Maruyama, T., and Otagiri, M. Effects of Uremic Toxins and Fatty Acids on Serum Protein Binding of Furosemide:

Possible Mechanism of the Binding Defect in Uremia, 2274
Takeichi, S. *See* Yukawa, Suzuoka, Saito, Forrest, Osawa, and Takeichi
Takeuchi, M. *See* Spencer and Takeuchi
Takeuchi, N. *See* Numata, Morita, Kosugi, Shibata, Takeuchi, and Uchida
Tamate, K., Charleton, M., Gosling, J.P., Egan, D., Ishikawa, M., Fottrell, P.F., and Kane, M.M. Direct Colorimetric Monoclonal Antibody Enzyme Immunoassay for Estradiol-17β in Saliva, 1159
Tanaka, T. *See* Ishii, Wang, Naruse, Taga, Kinoshita, Kurokawa, Iwase, Kondo, Nomura, Nagamura, Watanabe, Hishida, Tanaka, and Kawamura
Tanemura, K. *See* Yamada, Yagihashi, Ishii, Tanemura, Kida, Watanabe, and Niitsu
Tang, Y.-W., Procop, G.W., and Persing, D.H. Molecular Diagnostics of Infectious Diseases, 2021
Tangerman, A. Highly Sensitive Gas Chromatographic Analysis of Ethanol in Whole Blood, Serum, Urine, and Fecal Supernatants by the Direct Injection Method, 1003
Taran, F., Frobert, Y., Créminon, C., Grassi, J., Olichon, D., Mioskowski, C., and Pradelles, P. Competitive Enzyme Immunoassay with Monoclonal Antibody for Homovanillic Acid Measurement in Human Urine Samples, 363
Tassi, D. *See* Haliassos, Melita-Manolis, Aggelaki, Tassi, and Terzoglou
Taylor, M.R.H. *See* Crofton, Wade, Taylor, and Holland
Taylor, P.J., Hogan, N.S., Lynch, S.V., Johnson, A.G., and Pond, S.M. Improved Therapeutic Drug Monitoring of Tacrolimus (FK506) by Tandem Mass Spectrometry (tech brief), 2189
Teerlink, T. *See* Scheffer, Bakker, Heine, and Teerlink
Teich, N. *See* Keim, Teich, Reich, Fiedler, and Mössner
Tenner, K.S. *See* O'Kane, Ebert, Hallaway, Roberts, and Tenner
Terzoglou, G. *See* Haliassos, Melita-Manolis, Aggelaki, Tassi, and Terzoglou
Thakkar, H., Newman, D.J., Holownia, P., Davey, C.L., Wang, C.-C., Lloyd, J., Craig, A.R., and Price, C.P. Development and Validation of a Particle-Enhanced Turbidimetric Inhibition Assay for Urine Albumin on the Dade *aca*® Analyzer, 109
Thevenon, C. *See* Guichardant, Thevenon, Pageaux, and Lagarde
Thibodeau, S.N. *See* Siegelman, Mohabeer, Fahey, Tomlinson, Mayambala, Jafari, Noll, Thibodeau, and Dawson
Thienpont, L. *See* Petersen, Stöckl, Blaabjerg, Pedersen, Birkemose, Thienpont, Lassen, and Kjeldsen
Thomas, J. *See* Harris, Galpchian, Thomas, Iannotti, Law, and Rifai
Thompson, J.C., Craig, A.R., Davey, C.L., Newman, D.J., Lonsdale, M.L., Bucher, W.J., Nagle, P.D., and Price, C.P. Kinetics and Proposed Mechanism of the Reaction of an Immunoinhibition, Particle-Enhanced Immunoassay, 2384
Thompson, W.C. *See* Fisher, Haga, Castleberry, Hall, and Thompson
Thormann, W. *See* Albrecht, Reichen, Visser, Meijer, and Thormann
Thornton, D.J. *See* Hanna, Waldman, Lott, Koesters, Hughes, and Thornton
Thorpe, S.J., Walker, D., Arosio, P., Heath, A., Cook, J.D., and Worwood, M. International Collaborative Study to Evaluate a Recombinant L Ferritin Preparation as an International Standard, 1582
Tisdale, E.C. *See* Everhart, Cheung, Shwonek, Zabel, Tisdale, Jacob, Mendelson, and Jones
Tobler, L.H. and Busch, M.P. History of Posttransfusion Hepatitis, 1487
Toenhake-Dijkstra, H. *See* Demacker, Hessels, Toenhake-Dijkstra, and Baadenhuijsen
Tomlinson, G. *See* Siegelman, Mohabeer, Fahey, Tomlinson, Mayambala, Jafari, Noll, Thibodeau, and Dawson
Topić, E. *See* Petani, Topić, Turčić, and Däschner
Tormey, W.P. and Hickey, D.P. An Urgent Use for Hemoglobin A_{1c}? (letter), 1463
Torresani, T. *See* Heinonen, Iitiä, Torresani, and Lövgren
Tóth, T., Findlay, I., Nagy, B., and Papp, Z. Accurate Sizing of (CAG)n Repeats Causing Huntington Disease by Fluorescent PCR (tech brief), 2422
Tóth, T., Nagy, B., and Papp, Z. PCR Reagents for Detection of (CAG)n Repeats in Huntington Disease (letter), 1463
Touitou, Y. *See* Heshmati, Touitou, Foubert, Young, Bruckert, and Turpin
Tracy, R.P. *See* Macy, Hayes, and Tracy
Trepanier, D. *See* Jortani, Trepanier, Yatscoff, and Valdes
Trivelato, G.C. *See* Costa, Trivelato, Pinto, and Bechara
Troncy, E. *See* Yang, Troncy, Francœur, Vinet, Vinay, Czaika, and Blaise
Truchaud, A., Le Neel, T., Brochard, H., Malvaux, S., Moyon, M., and Cazaubiel, M. New Tools for Laboratory Design and Management, 1709
Tsai, J.-L. *See* Wu and Tsai
Tsai, K.-S. *See* Hsu and Tsai
Tsai, K.-S. *See* Huang, Kao, and Tsai
Tsai, M.Y. *See* Garg, Zheng, Folsom, Moyer, Tsai, McGovern, and Eckfeldt
Tschentscher, P., Wagener, C., and Neumaier, M. Sensitive and Specific Cytokeratin 18 Reverse Transcription-Polymerase Chain Reaction That Excludes Amplification of Processed Pseudogenes from Contaminating Genomic DNA, 2244
Tsipouras, N., Rix, C.J., and Brady, P.H. Passage of Silver Ions Through Membrane-Mimetic Materials, and Its Relevance to Treatment of Burn Wounds with Silver Sulfadiazine Cream, 290
Tsongalis, G.J. Molecular Cell Biology, 3.0, H. Lodish, D. Baltimore, A. Berk, S.L. Zipursky, P. Matsudaira, J. Darnell. (software review), 701
Tsongalis, G.J. *See* Linfert, Chen, Ma, Lai, and Tsongalis
Tsongalis, G.J. *See* Rezuke, Abernathy, and Tsongalis
Tsuji, K. *See* Morishita, Nakane, Fukatsu, Nakashima, Tsuji, Soya, Yoneda, Asano, and Kawamura
Tsukada, Y. *See* Takada, Nazu, Hibi, Tsukada, Shibasaki, Fujise, Fujimuro, Sawada, Yokosawa, and Ohkawa
Tulassay, T. *See* Vásárhelyi, Szabó, Vér, and Tulassay
Turčić, G. *See* Petani, Topić, Turčić, and Däschner
Turner, J.G. *See* Sadler, Smith, Murray, and Turner
Turner, R.C. *See* Cull, Manley, Stratton, Neil, Ross, Holman, Turner, and Matthews
Turner, W.E. *See* Bernert, Turner, Pirkle, Sosnoff, Akins, Waldrep, Ann, Covey, Whitfield, Gunter, Miller, Patterson, Needham, Hannon, and Sampson
Turpeinen, U., Markkanen, H., Välimäki, M., and Stenman, U.-H. Determination of Urinary Free Cortisol by HPLC, 1386
Turpin, G. *See* Heshmati, Touitou, Foubert, Young, Bruckert, and Turpin

U

Uchida, K. *See* Numata, Morita, Kosugi, Shibata, Takeuchi, and Uchida
Ueda, A. *See* Nagase, Ohkoshi, Ueda, Aoyagi, and Koyama
Ueland, P.M. *See* Ulvik, Refsum, Kluijtmans, and Ueland
Ugozzoli, L. *See* Reyes, Carrera, Cardillo, Ugozzoli, Lowery, Lin, Go, Ferrari, and Wallace
Ulvik, A., Refsum, H., Kluijtmans, L.A.J., and Ueland, P.M. C677T Mutation of Methylenetetrahydrofolate Reductase Gene Determined in Blood or Plasma by Multiple-Injection Capillary Electrophoresis and Laser-Induced Fluorescence Detection, 267
Unkila-Kallio, L. *See* Stenman, Unkila-Kallio, Korhonen, and Alfthan
Urdea, M.S., Wuestehube, L.J., Laurenson, P.M., and Wilber, J.C. Hepatitis C—Diagnosis and Monitoring, 1507
Urra, J.M., de la Torre, M., Alcazar, R., and Peces, R. Rapid Method for Detection of Anti-Recombinant Human Erythropoietin Antibodies as a New Form of Erythropoietin Resistance (tech brief), 848

V

Vago, T. *See* Bevilacqua, Vago, Baldi, Norbiato, Masson, and Latini
Vähäkangas, K.H. *See* Welsh, Castrén, and Vähäkangas
Valdes, R., Jr *See* Jortani, Trepanier, Yatscoff, and Valdes
Valdes, R., Jr *See* Linder, Prough, and Valdes
Valette, C. *See* Blanché, Valette, and Bellanné-Chantelot
Välimäki, M. *See* Turpeinen, Markkanen, Välimäki, and Stenman
Vallvé, J.C. *See* Ribalta, LaVille, Girona, Vallvé, and Masana
Van Atta, R. *See* Zehnder, Van Atta, Jones, Sussman, and Wood
Van Blercom, N. *See* Dethy, Laute, Van Blercom, Damhaut, Goldman, and Hildebrand
Van Bocxlaer, J.F., Clauwaert, K.M., Lambert, W.E., and De Leenheer, A.P. Quantitative Colorimetric Determination of Urinary *p*-Aminophenol with an Automated Analyzer, 627
Van Damme, H., Van Velthoven, T., Kaelen, E., and Pelssers, E. Fluid Elements—A Concept for Automation of Diagnostic Tests, 369
van den Besselaar, A.M.H.P., Neuteboom, J., Meeuwisse-Braun, J., and Bertina, R. M. Preparation of Lyophilized Partial Thromboplastin Time Reagent Composed of Synthetic Phospholipids: Usefulness for Monitoring Heparin Therapy, 1215
van der Heiden, C. *See* Roding, Weterings, and van der Heiden
van Duijnhoven, J.L.P. *See* Ermens, Bayens, van Gemert, and van Duijnhoven
Van Duynslaegher, J. *See* Delanghe, Vlaminck, Bernard, Robberecht, Praet, De Buyzere, Quatacker, Van Roy, and Van Duynslaegher
van Gemert, A.C.M. *See* Ermens, Bayens, van Gemert, and van Duijnhoven
Van Hove, J.L.K. *See* Chace, Hillman, Van Hove, and Naylor
van Kamp, G.J. *See* Bonfrer, Korse, Verstraeten, van Kamp, Hart, and Kenemans
van Kamp, G.J. *See* Bon, von Mensdorff-Pouilly, Kenemans, van Kamp, Verstraeten, Hilgers, Meijer, and Vermorken
Van Landeghem, G.F. *See* D'Haese, Van Landeghem, Lamberts, Bekaert, Schrooten, and De Broe
Van Lente, F. Methodology and Subspecialty Consolidation in the Clinical Laboratory (editorial), 11
van Norren, K., Borggreven, J.M.P.M., Hovingh, A., Willems, H.L., de Boo, T., Elving, L.D., Berden, J.H.M., and De Pont, J.J.H.H.M. Comparison of Methods for Measurement of Na^+/Li^+ Countertransport Across the Erythrocyte Membrane (letter), 1090
Van Roy, N. *See* Delanghe, Vlaminck, Bernard, Robberecht, Praet, De Buyzere, Quatacker, Van Roy, and Van Duynslaegher
van Straalen, J.P. *See* de Winter, Koster, van Straalen, Gorgels, Hoek, and Sanders
Van Velthoven, T. *See* Van Damme, Van Velthoven, Kaelen, and Pelssers
Vandenberk, P. *See* Schollen, Vandenberk, Cassiman, and Matthijs
VanNess, S.A. *See* Witte, VanNess, Angstadt, and Pennell
van't Hof, M.A. *See* Winklhofer-Roob, van't Hof, and Shmerling

Varela, E. *See* Marti, Varela, Segura, Alegre, Suriñach, and Pascual
Vásárhelyi, B., Szabó, T., Vér, A., and Tulassay, T. Measurement of Na^+/K^+-ATPase Activity with an Automated Analyzer (tech brief), 1986
Veldhuis, J. *See* Korhonen, Alfthan, Ylöstalo, Veldhuis, and Stenman
Vér, A. *See* Vásárhelyi, Szabó, Vér, and Tulassay
Vercauteren, J. *See* Mérillon, Fauconneau, Waffo Teguo, Barrier, Vercauteren, and Huguet
Vereb, Gy. *See* Kaczur, Vereb, Molnár, Krajczár, Kiss, Farid, and Balázs
Verebey, K. Blood Lead Screening (Continued) (letter, reply), 1247
Verheecke, P. Free Triiodothyronine Concentration in Serum of 1050 Euthyroid Children Is Inversely Related to Their Age, 963
Vermeersch, G. *See* Maschke, Azaroual, Wieruszeski, Lippens, Imbenotte, Mathieu, Vermeersch, and Lhermitte
Vermorken, J.B. *See* Bon, von Mensdorff-Pouilly, Kenemans, van Kamp, Verstraeten, Hilgers, Meijer, and Vermorken
Verstraeten, R.A. *See* Bon, von Mensdorff-Pouilly, Kenemans, van Kamp, Verstraeten, Hilgers, Meijer, and Vermorken
Verstraeten, R.A. *See* Bonfrer, Korse, Verstraeten, van Kamp, Hart, and Kenemans
Vessella, R.L. *See* Corey, Wegner, Corey, and Vessella
Vessella, R.L. *See* Corey, Arfman, Liu, and Vessella
Vidal, A. *See* Loidi, Vidal, Zalvide, Puente, Reyes, and Domínguez
Vihko, P. *See* Herrala, Kurkela, Porvari, Isomäki, Henttu, and Vihko
Vilaseca, M.A., Moyano, D., Ferrer, I., and Artuch, R. Total Homocysteine in Pediatric Patients (tech brief), 690
Vilella, E. *See* Joven, Clivillé, Camps, Espinel, Simó, Vilella, and Oliver
Villette, J.-M. *See* Aubin, Le Brun, Moldovan, Villette, Créminon, Dumas, Homyrda, Soliman, Azizi, and Fiet
Villette, J.M. *See* Morineau, Gosling, Patricot, Soliman, Boudou, Al Halnak, Le Brun, Brérault, Julien, Villette, and Fiet
Villette, J. *See* Morineau, Boudi, Barka, Gourmelen, Degeilh, Hardy, Al-Halnak, Soliman, Gosling, Julien, Brerault, Boudou, Aubert, Villette, Pruna, Galons, and Fiet
Vinay, P. *See* Yang, Troncy, Francœur, Vinet, Vinay, Czaika, and Blaise
Vinet, B. *See* Yang, Troncy, Francœur, Vinet, Vinay, Czaika, and Blaise
Visser, J. *See* Albrecht, Reichen, Visser, Meijer, and Thormann
Vladimirov, V. *See* Markoff, Savoy, Vladimirov, Bogdanova, Kremensky, and Ganev
Vlaminck, H. *See* Delanghe, Vlaminck, Bernard, Robberecht, Praet, De Buyzere, Quatacker, Van Roy, and Van Duynslaegher
Volmer, M. *See* Wolthers, Kema, Volmer, Wesemann, Westermann, and Manz
von Eckardstein, A. *See* Nauck, März, Jarausch, Cobbaert, Sägers, Bernard, Delanghe, Honauer, Lehmann, Oestrich, von Eckardstein, Walch, Wieland, and Assmann
von Mensdorff-Pouilly, S. *See* Bon, von Mensdorff-Pouilly, Kenemans, van Kamp, Verstraeten, Hilgers, Meijer, and Vermorken
Vona, G. *See* Gelmini, Orlando, Sestini, Vona, Pinzani, Ruocco, and Pazzagli
Voss, E.M. *See* Bodor, Survant, Voss, Smith, Porterfield, and Apple
Voss, E.M. *See* McLaurin, Apple, Voss, Herzog, and Sharkey
Vrga, L., Contacos, C., Li, S.C.H., and Sullivan, D.R. Comparison of Methods for Measurement of Apolipoprotein B and Cholesterol in Low-Density Lipoproteins, 390
Vuopio-Pulkki, L.-M. *See* Katrukha, Bereznikova, Esakova, Pettersson, Lövgren, Severina, Pulkki, Vuopio-Pulkki, and Gusev

W

Wachter, H. *See* Widner, Werner, Schennach, Wachter, and Fuchs
Wade, J.C. *See* Crofton, Wade, Taylor, and Holland
Waffo Teguo, P. *See* Mérillon, Fauconneau, Waffo Teguo, Barrier, Vercauteren, and Huguet
Wagener, C. *See* Nollau and Wagener
Wagener, C. *See* Tschentscher, Wagener, and Neumaier
Wagner, C. *See* Dati, Hafner, Erbes, Prellwitz, Kraus, Niemann, Noah, and Wagner
Waheed, A. *See* Kivelä, Parkkila, Waheed, Parkkila, Sly, and Rajaniemi
Wajcman, H. *See* Riou, Godart, Hurtrel, Mathis, Bimet, Bardakdjian-Michau, Préhu, Wajcman, and Galactéros
Walch, S. *See* Nauck, März, Jarausch, Cobbaert, Sägers, Bernard, Delanghe, Honauer, Lehmann, Oestrich, von Eckardstein, Walch, Wieland, and Assmann
Waldhuber, S. *See* Mori and Waldhuber
Waldman, W.J. *See* Hanna, Waldman, Lott, Koesters, Hughes, and Thornton
Waldrep, M.K. *See* Bernert, Turner, Pirkle, Sosnoff, Akins, Waldrep, Ann, Covey, Whitfield, Gunter, Miller, Patterson, Needham, Hannon, and Sampson
Walker, D. *See* Thorpe, Walker, Arosio, Heath, Cook, and Worwood
Wallace, R.B. *See* Reyes, Carrera, Cardillo, Ugozzoli, Lowery, Lin, Go, Ferrari, and Wallace
Wallemacq, P.E., Leal, T., Besse, T., Squifflet, J.-P., Reding, R., Otte, J.-B., Lerut, J., and Hassoun, A. IMx Tacrolimus II vs IMx Tacrolimus Microparticle Enzyme Immunoassay Evaluated in Renal and Hepatic Transplant Patients (tech brief), 1989
Wallemacq, P.E. *See* Leal, Dupret, Hassoun, and Wallemacq
Wallentin, L. *See* Ellenius, Groth, Lindahl, and Wallentin
Wang, C.-C. *See* Thakkar, Newman, Holownia, Davey, Wang, Lloyd, Craig, and Price
Wang, J.-H. *See* Ishii, Wang, Naruse, Taga, Kinoshita, Kurokawa, Iwase, Kondo, Nomura, Nagamura, Watanabe, Hishida, Tanaka, and Kawamura
Wang, S.T., Pizzolato, S., and Demshar, H.P. Receiver Operating Characteristic Plots to Evaluate Guthrie, Wallac, and Isolab Phenylalanine Kit Performance for Newborn Phenylketonuria Screening, 1838
Wang, S.T., Pizzolato, S., Demshar, H.P., and Smith, L.F. Decline in Blood Lead in Ontario Children Correlated to Decreasing Consumption of Leaded Gasoline, 1983–1992 (letter), 1251
Warsy, A.S. *See* Alzeer, El-Hazmi, Warsy, Ansari, and Yrkendi
Watanabe, N. *See* Asanuma, Yagihashi, and Watanabe
Watanabe, N. *See* Yamada, Yagihashi, Ishii, Tanemura, Kida, Watanabe, and Niitsu
Watanabe, Y. *See* Ishii, Wang, Naruse, Taga, Kinoshita, Kurokawa, Iwase, Kondo, Nomura, Nagamura, Watanabe, Hishida, Tanaka, and Kawamura
Watelle, M. *See* Demedts, Wauters, Watelle, and Neels
Watson, W. *See* Li, Hoffmann, Hsieh, Malik, and Watson
Wauters, A. *See* Demedts, Wauters, Watelle, and Neels
Waxman, D.H. *See* Brouillette and Waxman
Weber, B.L. *See* Rohlfs, Learning, Friedman, Couch, Weber, and Silverman
Weetall, H.H. *See* Helmerson, Kishore, Phillips, and Weetall
Wegner, S.K. *See* Corey, Wegner, Corey, and Vessella
Weigel, G. *See* Griesmacher, Weigel, Seebacher, and Müller
Weilke, C., Brinkmann, T., and Kleesiek, K. Determination of Xylosyltransferase Activity in Serum with Recombinant Human Bikunin as Acceptor, 45
Wellby, M.L. *See* Dung and Wellby
Welsh, J.A., Castrén, K., and Vähäkangas, K.H. Single-Strand Conformation Polymorphism Analysis to Detect p53 Mutations: Characterization and Development of Controls, 2251
Wemeau, J.L. *See* Sapin, Gasser, d'Herbomez, Wemeau, Ebert, and Schlienger
Wendel, U. *See* Jira, de Jong, Janssen-Zijlstra, Wendel, and Wevers
Wenham, P.R. *See* Henderson, Wenham, Ashby, and Blundell
Werner, E.R. *See* Widner, Werner, Schennach, Wachter, and Fuchs
Wesemann, R. *See* Wolthers, Kema, Volmer, Wesemann, Westermann, and Manz
Westby, C. *See* Bean, Liegmann, Løvli, Westby, and Sundrehagen
Westermann, J. *See* Wolthers, Kema, Volmer, Wesemann, Westermann, and Manz
Westgard, J.O. and Stein, B. Automated Selection of Statistical Quality-Control Procedures to Assure Meeting Clinical or Analytical Quality Requirements (tech brief), 400
Westgard, J.O. *See* Fallest-Strobl, Olafsdottir, Wiebe, and Westgard
Westgard, J.O. *See* Green, Carey, Westgard, Carten, Shablesky, Achord, Page, and Le
Weterings, T. *See* Roding, Weterings, and van der Heiden
Wevers, R.A. *See* Jira, de Jong, Janssen-Zijlstra, Wendel, and Wevers
Weykamp, C.W. *See* Doelman, Siebelder, Nijhof, Weykamp, Janssens, and Penders
Whitcombe, D. *See* Gibson, Gillard, Whitcombe, Ferrie, Newton, and Little
White, R.H. *See* Gosselin, Owings, Larkin, White, Hutchinson, and Branch
Whitehair, D. Prevention of Analytical False-Positive Increases of Cardiac Troponin I on the Stratus II Analyzer (letter, reply), 861
Whitfield, W.E. *See* Bernert, Turner, Pirkle, Sosnoff, Akins, Waldrep, Ann, Covey, Whitfield, Gunter, Miller, Patterson, Needham, Hannon, and Sampson
Whitney, C.G. *See* Messmer, Whitney, and Fields
Whittall, R. *See* Humphries, Gudnason, Whittall, and Day
Wians, F.H., Jr. and Stuart, J. Ciba Corning ACS:180 Direct Total Testosterone Assay Can Be Used on Female Sera (letter), 1466
Widner, B., Werner, E.R., Schennach, H., Wachter, H., and Fuchs, D. Simultaneous Measurement of Serum Tryptophan and Kynurenine by HPLC (tech brief), 2424
Wiebe, D.A. *See* Fallest-Strobl, Olafsdottir, Wiebe, and Westgard
Wieland, E. *See* Andreeva, Niedmann, Schütz, Wieland, Armstrong, and Oellerich
Wieland, H. *See* Bissé and Wieland
Wieland, H. *See* Nauck, März, Jarausch, Cobbaert, Sägers, Bernard, Delanghe, Honauer, Lehmann, Oestrich, von Eckardstein, Walch, Wieland, and Assmann
Wieland, H. *See* Scholer, Boecker, Engelmayer, Feldmann, Hannak, Kattermann, Oellerich, Raith, Schlebusch, Wieland, Willems, Jarausch, and Domke
Wienrich, G. *See* Schadewaldt, Schommartz, Wienrich, Brösicke, Piolot, and Ziegler
Wieruszeski, J.-M. *See* Maschke, Azaroual, Wieruszeski, Lippens, Imbenotte, Mathieu, Vermeersch, and Lhermitte
Wilber, J.C. *See* Urdea, Wuestehube, Laurenson, and Wilber
Wilders-Truschnig, M. *See* Halwachs-Baumann, Katzensteiner, Schnedl, Pürstner, Pieber, and Wilders-Truschnig
Wilding, P. *See* Fortina, Cheng, Shoffner, Surrey, Hitchcock, Kricka, and Wilding
Wilhite, T.R. *See* Dietzen, Wilhite, Kenagy, Milliner, Smith, and Landt
Wilkinson, I. The Empowered Laboratory Team. William Umicker (book review), 1102
Willems, D. *See* Scholer, Boecker, Engelmayer, Feldmann, Hannak, Kattermann, Oellerich,

Raith, Schlebusch, Wieland, Willems, Jarausch, and Domke
Willems, H.L. *See* van Norren, Borggreven, Hovingh, Willems, de Boo, Elving, Berden, and De Pont
Williams, K.J. *See* Levine and Williams
Williams, R.E. *See* Meikle, Brooks, Ravenscroft, Yan, Williams, Jaunzems, Chataway, Karageorgos, Davey, Boulter, Carlsson, and Hopwood
Wilson, D.W., Metz, H.N., Graver, L.M., and Rao, P.S. Direct Method for Quantification of Free Malondialdehyde with High-Performance Capillary Electrophoresis in Biological Samples (tech brief), 1982
Wilson, P.E. Coagulation Monitor Based on Serum Migration Through Absorbent Materials, 1716
Wimbish, G.H. *See* Broussard, Presley, Pittman, Clouette, and Wimbish
Wimmer, C. *See* Gambino, Desvarieux, Orth, Matan, Ackattupathil, Lijoi, Wimmer, Bower, and Gunter
Wingert, W.E. Lowering Cutoffs for Initial and Confirmation Testing for Cocaine and Marijuana: Large-Scale Study of Effects on the Rates of Drug-Positive Results, 100
Winklhofer-Roob, B.M., van't Hof, M.A., and Shmerling, D.H. Reference Values for Plasma Concentrations of Vitamin E and A and Carotenoids in a Swiss Population from Infancy to Adulthood, Adjusted for Seasonal Influences, 146
Winter, W.E. Cecil Textbook of Medicine, 20th ed. J. C. Bennett (book review), 1470
Withold, W. More on Total and Bone-Specific Alkaline Phosphatase (letter), 1670
Withold, W., Armbruster, F.P., Karmatschek, M., and Reinauer, H. Bone Sialoprotein in Serum of Patients with Malignant Bone Diseases, 85
Witt, I. *See* Filler, Witt, Priem, Ehrich, and Jung
Witte, D.L. Mild Liver Enzyme Abnormalities: Eliminating Hemochromatosis as Cause, 1535
Witte, D.L. and Astion, M.L. Panel Discussion: How to Monitor and Minimize Variation and Mistakes, 880
Witte, D.L., VanNess, S.A., Angstadt, D.S., and Pennell, B.J. Errors, Mistakes, Blunders, Outliers, or Unacceptable Results: How Many?, 1352
Witte, D.L. *See* Garber and Witte
Wittwer, C.T. *See* Lay and Wittwer
Woie, L. *See* Mansoor, Kristensen, Hervig, Drabløs, Stakkestad, Woie, Hetland, and Osland
Woitge, H.W. and Seibel, M.J. More on Total and Bone-Specific Alkaline Phosphatase (letter, reply), 1671
Woitge, H.W. *See* Karmatschek, Maier, Seibel, Woitge, Ziegler, and Armbruster
Wolf, P., Liggins, G., and Mercola, D. The Cloning Debates and Progress in Biotechnology (editorial), 2019
Wolfbeis, O.S. *See* Kessler, Meinitzer, Petek, and Wolfbeis
Wollner, A. *See* Kropf, Schurek, Wollner, and Gressner
Wolthers, B.G., Kema, I.P., Volmer, M., Wesemann, R., Westermann, J., and Manz, B. Evaluation of Urinary Metanephrine and Normetanephrine Enzyme Immunoassay (ELISA) Kits by Comparison with Isotope Dilution Mass Spectrometry, 114
Wong, L.-J.C. and Lam, C.-W. Alternative, Noninvasive Tissues for Quantitative Screening of Mutant Mitochondrial DNA (tech brief), 1241
Wong, L.-J.C. and Senadheera, D. Direct Detection of Multiple Point Mutations in Mitochondrial DNA, 1857
Wood, M. *See* Zehnder, Van Atta, Jones, Sussman, and Wood
Woodrum, D.L., French, C.M., Hill, T.M., Roman, S.J., Slatore, H.L., Shaffer, J.L., York, L.G., Eure, K.L., Loveland, K.G., Gasior, G.H., Southwick, P.C., and Shamel, L.B. Analytical Performance of the Tandem®-R *free* PSA Immunoassay Measuring Free Prostate-Specific Antigen, 1203
Worman, H. J. Molecular Biological Methods in Diagnosis and Treatment of Liver Diseases, 1476
Worwood, M. *See* Thorpe, Walker, Arosio, Heath, Cook, and Worwood
Wróbel, K., Wróbel, K., Garay-Sevilla, Ma. E., Nava, L.E., and Malacara, J.M. Novel Analytical Approach to Monitoring Advanced Glycosylation End Products in Human Serum with On-Line Spectrophotometric and Spectrofluorometric Detection in a Flow System, 1563
Wróbel, K. *See* Wróbel, Wróbel, Garay-Sevilla, Nava, and Malacara
Wu, A.H.B. Clinical Chemistry: Theory, Analysis, Correlation, 3rd ed, L.A. Kaplan, A.J. Pesce. (book review), 700
Wu, A.H.B. and Bermes, E.W., Jr Report of the Third Conference on Education in Clinical Chemistry, 167
Wu, A.H.B. and Clive, J.M. Impact of CK-MB Testing Policies on Hospital Length of Stay and Laboratory Costs for Patients with Myocardial Infarction or Chest Pain, 326
Wu, A.H.B., Feng, Y.-J., Nadelman, J., Acampora, M., and Fiedler, P.N. Ectopic Production of Creatine Kinase MB: Updated Evaluation by Mass Assays (letter), 2006
Wu, A.H.B., Feng, Y.-J., Roper, L., Herbert, K., and Schweizer, R. Cardiac Troponins T and I Before and After Renal Transplantation (letter), 411
Wu, C. and Kenny, M.A. A Case of Sulfhemoglobinemia and Emergency Measurement of Sulfhemoglobin with an OSM3 CO-Oximeter, 162
Wu, F.C.W. Endocrine aspects of anabolic steroids, 1289
Wu, W.-S. and Tsai, J.-L. Analysis of Cyanine Dye-Labeled PCR Product and Restriction Fragments by Capillary Electrophoresis and Laser-Induced Fluorescence (tech brief), 1660
Wuestehube, L.J. *See* Urdea, Wuestehube, Laurenson, and Wilber

X

Xu, Y. *See* Chen, Xu, and Ip

Y

Yagihashi, A. *See* Asanuma, Yagihashi, and Watanabe
Yagihashi, A. *See* Yamada, Yagihashi, Ishii, Tanemura, Kida, Watanabe, and Niitsu
Yajima, S. *See* Inoue, Suzuki, Yajima, Shimozawa, Orii, and Kondo
Yamada, K., Yagihashi, A., Ishii, S., Tanemura, K., Kida, T., Watanabe, N., and Niitsu, Y. Interference with Nephelometric Assay of C-Reactive Protein and Antistreptolysin-O by Monoclonal IgM-κ from a Myeloma Patient (letter), 2435
Yamada, T. and Miida, T. Serum Amyloid A Remains at Physiological Concentrations in Coronary Atherosclerosis (letter), 193
Yamaguchi, Y. *See* Yamanishi, Kimura, Iyama, Yamaguchi, and Yanagihara
Yamanishi, H., Kimura, S., Iyama, S., Yamaguchi, Y., and Yanagihara, T. Fully Automated Measurement of Total Iron-Binding Capacity in Serum, 2413
Yan, M. *See* Meikle, Brooks, Ravenscroft, Yan, Williams, Jaunzems, Chataway, Karageorgos, Davey, Boulter, Carlsson, and Hopwood
Yanagihara, T. *See* Yamanishi, Kimura, Iyama, Yamaguchi, and Yanagihara
Yang, F., Troncy, E., Francœur, M., Vinet, B., Vinay, P., Czaika, G., and Blaise, G. Effects of Reducing Reagents and Temperature on Conversion of Nitrite and Nitrate to Nitric Oxide and Detection of NO by Chemiluminescence, 657
Yates, K.H. *See* Kempe, Czeschin, Yates, Deuser, and Scott
Yates, W.R. *See* Perry, MacIndoe, Yates, Scott, and Holman
Yatscoff, R.W. *See* Aspeslet, LeGatt, Murphy, and Yatscoff
Yatscoff, R.W. *See* Jortani, Trepanier, Yatscoff, and Valdes
Yazdanpanah, M. *See* Makela, Yazdanpanah, Adatia, and Ellis
Yergey, A.L. *See* Fitzgerald, Herold, and Yergey
Yin, C.-H. *See* Lam, Pang, Poon, Yin, and Bharathi
Yiou, F. *See* Jouhanneau, Raisbeck, Yiou, Lacour, Banide, and Drüeke
Ylöstalo, P. *See* Korhonen, Alfthan, Ylöstalo, Veldhuis, and Stenman
Yokosawa, H. *See* Takada, Nazu, Hibi, Tsukada, Shibasaki, Fujise, Fujimuro, Sawada, Yokosawa, and Ohkawa
Yoneda, K. *See* Morishita, Nakane, Fukatsu, Nakashima, Tsuji, Soya, Yoneda, Asano, and Kawamura
York, L.G. *See* Woodrum, French, Hill, Roman, Slatore, Shaffer, York, Eure, Loveland, Gasior, Southwick, and Shamel
Young, D.S., Berwick, M.C., and Jarett, L. Evolution of the William Pepper Laboratory, 174
Young, E.L. *See* Sharma, Young, Miller, and Cutler
Young, W.F., Jr. *See* Heshmati, Touitou, Foubert, Young, Bruckert, and Turpin
Yrkendi, M.S. *See* Alzeer, El-Hazmi, Warsy, Ansari, and Yrkendi
Yuasa, Y. *See* Oto, Koguchi, and Yuasa
Yukawa, N., Suzuoka, T., Saito, T., Forrest, A.R.W., Osawa, M., and Takeichi, S. Data Processing in CO-Oximeters That Use Overdetermined Systems (letter), 189

Z

Zabel, K. *See* Everhart, Cheung, Shwonek, Zabel, Tisdale, Jacob, Mendelson, and Jones
Zalvide, J.B. *See* Loidi, Vidal, Zalvide, Puente, Reyes, and Domínguez
Zarghami, N., Grass, L., Sauter, E.R., and Diamandis, E.P. Prostate-Specific Antigen in Serum During the Menstrual Cycle, 1862
Zechel, C. *See* Junker, Brandt, Zechel, and Assmann
Zehelein, J. *See* Müller-Bardorff, Hallermayer, Schröder, Ebert, Borgya, Gerhardt, Remppis, Zehelein, and Katus
Zehnder, J., Van Atta, R., Jones, C., Sussman, H., and Wood, M. Cross-Linking Hybridization Assay for Direct Detection of Factor V Leiden Mutation, 1703
Zelner, D.J. *See* Qian, Sensibar, Zelner, Schaeffer, Finlay, Rittenhouse, and Lee
Zhang, J. *See* Ricchiuti, Zhang, and Apple
Zhang, X., Cornelis, R., De Kimpe, J., Mees, L., and Lameire, N. Speciation of Arsenic in Serum, Urine, and Dialysate of Patients on Continuous Ambulatory Peritoneal Dialysis (tech brief), 406
Zheng, J. *See* Law, Doshi, McGeehan, McGeehan, Gibboni, Nikolioukine, Keane, Zheng, Rao, and Ertingshausen
Zheng, Z.-J. *See* Garg, Zheng, Folsom, Moyer, Tsai, McGovern, and Eckfeldt
Ziegler, D. *See* Schadewaldt, Schommartz, Wienrich, Brösicke, Piolot, and Ziegler
Ziegler, R. *See* Karmatschek, Maier, Seibel, Woitge, Ziegler, and Armbruster
Zivelin, A., Rosenberg, N., Peretz, H., Amit, Y., Kornbrot, N., and Seligsohn, U. Improved Method for Genotyping Apolipoprotein E Polymorphisms by a PCR-Based Assay Simultaneously Utilizing Two Distinct Restriction Enzymes (tech brief), 1657
Zoanetti, G.D. *See* Badcock, Zoanetti, and Martin
Zuccaro, P., Pichini, S., Altieri, I., Rosa, M., Pellegrini, M., and Pacifici, R. Interference of Nicotine Metabolites in Cotinine Determination by RIA (tech brief), 180
Zucchelli, G.C., Pilo, A., Chiesa, M.R., Cohen, R., and Bizollon, C.A. Analytical Performance of Free PSA Immunoassays: Results from an Interlaboratory Survey (tech brief), 2426

Volume 43, 1997
SUBJECT INDEX

KEY TO ABBREVIATIONS

CR, case report
E, editorial
H, history
L, letter
O, opinion
R, review
S, symposium paper
SR, special report
TB, technical brief

Abstracts of the 1997 Annual Meeting are indexed in the Supplement to the June issue, pp. S291–S306.

AACC
award winners 1997, 1254
call for nominations, 2232
historical perspectives (H), 1232
Abused drugs. *See* Drugs of abuse
***N*-Acetyl-β-D-glucosaminidase**, isoenzyme B, human urinary, sandwich ELISA for, 569
Acetylcholine receptor, modified antibody assay, 824
Activated partial thromboplastin time, effect of hemopure on, 1792
Acute phase response, Lp(a) concentrations and risk analysis, 1891
Acylcarnitine, newborn blood spots, MCAD screening, 2106
Adenoma, pituitary, levels of NSE in serum (TB), 540
Adhesive labels, cause of high thyroxine results (L), 548
Adrenoleukodystrophy, screening for, VLCFA analysis of blood spots (TB), 2197
Age
ALP trends related to, in Chinese (TB), 186
distribution of plasma amino acids in pediatric population, 2397
Aging
antioxidants, serum capacity in centenarians (L), 855
S-100 changes related to, CSF and serum (TB), 541
TSH and T_4 euthyroid patients, 2143
5-ALA. *see* 5-Aminolevulinic acid
Alanine aminotransferase
prognostic indicator in heat stroke, 1182
serum activity in a neonate (TB), 1665
Albumin
heparin interferes with assays for (L), 697
urine, particle-enhanced turbidimetric inhibition assay on Dade *aca* analyzer, 109
Albumin Blue 580 fluorescence assay, microalbuminuria detection using, 996
Alcohol abuse, carbohydrate-deficient transferrin and diagnosis of, 983
Alcoholism, chronic, levels of ionized serum magnesium in, 394
Aldosterone, comparison of methods for plasma levels of (TB), 1995
Alkaline phosphatase
age related trends in Chinese (TB), 186
bone isoform, immunoassays for, 2052
intestinal, relation with insulin secretion, obese patients, 1672 (L)
isoform levels in autoimmune diseases, 1357
total and bone-specific (L), 1670
ALP. *see* Alkaline phosphatase
Aluminum, absorption, retention and excretion, AMS and ^{26}Al, 1023
AMI. *see* Myocardial infarction, acute
Amino acids
by automated ion-exchange chromatography, Hitachi L-8500A, 1421
plasma, age-specific distribution in pediatric population, 2397
5-Aminolevulinic acid, plasma levels, oxidative stress indicators, lead-exposed workers, 1196
***p*-Aminophenol**, urinary, colorimetric determination, 627
Aminothiols, redox status of homocysteine and related, smokers (TB), 1997
Amniotic fluid, preterm labor, IL-6 and polymorphonuclear elastase (L), 857
Amyloid A, levels in coronary atherosclerosis (L), 193
Anabolic steroids
endocrine aspects of, doping in sports (S), 1289
urine, selected-ion-storage-trap mass spectrometry, TDM, 1033
urine, testosterone to epitestosterone and testosterone to LH ratios, 731
xenobiotic, abuse detected by urinalysis (S), 1280
Androgens, filter paper for sample collection and transport, 1408
Anemia
of copper deficiency, ferritin and hepatic iron stores in, rats (TB), 1457
soluble transferrin receptor IEA for iron deficiency detection, 1641
Angiotensin-converting enzyme, genotypes identified by CE, 2195
Anthracycline, derivatives of, interfere with BCA protein assay (TB), 2201
Anticoagulation therapy, oral
POCT, 1785
use of factor X in monitoring, after antithrombin drugs, 1786
variation of INR for PT, and monitoring of, 2175
Antidepressants, TDM, in plasma by GC-NPD (TB), 2209
Antigens, sensitivity of optical tweezer-based immunosensor, 379
Antinuclear antibodies, methods compared by ROC analysis (TB), 1987
Antioxidant activity, of astringin (L), 1092
Antioxidants
measurement of individual vs total, reply (L), 853, 854
measurement of individual vs total (L), 852
serum capacity in centenarians (L), 855
Antistreptolysin-O, IgM-κ interferes with assays for, myeloma patients (L), 2435
Antithrombin drugs, factor X in monitoring oral anticoagulation after, 1786
α_1-Antitrypsin, rapid screening for Z and S mutations in (TB), 403
Apo AI-CIII-AIV cluster gene, genetic variations of, hypertriglyceridemic subjects, 13 NHANES III survey, 2364
Apolipoproteins
apoAI and apoB, distributions, NHANES III survey, 2364
apoE genotyping by CE, 1321
apoE polymorphisms, oligonucleotide ligation assay for (TB), 1984
assay in clinical practice (O), 1311
automated measurement of, screening for mouse atherosclerosis, 669
familial defective apo B-100, three molecular scanning methods for, 1630
LDL cholesterol using, nonchylomicronemic dyslipemia, 808
method for genotyping polymorphisms of apo E (TB), 1657
methods for cholesterol and, in LDL, 390
screening for familial defective apo B-100 gene, 916
Apoptosis, DNA internucleosomal fragmentation in, myocytes (TB), 2431
APR. *see* Acute phase response
APTT. *see* Activated partial thromboplastin time
Arsenic, speciation in patients on CAPD (TB), 406
Ascitic fluid, detection of PSA in (TB), 1461
Ascorbic acid, automated enzymatic procedure, 154
Aspartate aminotransferase
IgM complex with, Japanese women (TB), 686
prognostic indicator in heat stroke, 1182
AST. *see* Aspartate aminotransferase
Astringin, antioxidant activity of (L), 1092
Atheriosclerosis
coronary, serum amyloid A levels in (L), 193
mouse model, automated measurement of ApoB, 669
Autoimmune diseases, ALP isoform levels in, 1357
Automation
analysis of human sperm by flow cytometry, 801
of fluid elements, diagnostic tests, 369
of statistical QC procedure selection (TB), 400
Axial separation module, serial blood processing at POC, 360
BCA protein assay, interference by anthracycline derivatives (TB), 2201
B cells, lymphomas, molecular diagnosis of (R), 1814
Benzodiazepines, sensitivity of EIA for, urine, 1659
Bikunin, recombinant, acceptor in determination of xylosyl transferase serum activity, 45
Bioaffinity assays, using microparticles and time-resolved fluorometry, 1937
Biopsy specimens, cancer, construction of cDNA bank from, 764
Biotechology, cloning debates and progress in (E), 2019
Bleeding, heparin-induced anti-Xa as marker for, 1781
Blood, serial processing at POC, 360
Blood analyzer, portable clinical, assessment during space flight, 1056
Blood bank assays, effects of HBOC-201 on (S), 1744
Blood counter, evaluation of Cell-Dyn 1700CS (TB), 1085
Blood gases, neonates, evaluation of status (S), 215
Blood spots
MCAD screening, newborns, 2106
screening for adrenoleukodystrophy, VLCFA analysis of (TB), 2197
screening for inborn errors of metabolism, ESI-MS/MS, 1129
Blood substitutes. *Also see* Oxygen carriers
evolution and future applications (S), 1724
hemoglobin- and Perflubron-based, effects on clinical laboratory tests (S), 1732
Bone
ALP isoform, immunoassays for, 2052
comparison of 3 resorption assays, 1570
NTx serum, immunochemical marker of resorption, 2058
serum sialoprotein levels malignant diseases, 85
sialoprotein purification and RIA, 2076
Bone sialoprotein, serum levels, malignant bone diseases, 85
Book reviews
All About Albumin: Biochemistry, Genetics and Medical Applications, 2014
Cecil Textbook of Medicine, 1470
Clinical Chemistry, a Scientific and Management Infobase, 418

Clinical Chemistry: Theory, Analysis, Correlation, 3rd ed., 700
DNA Simplified, the Hitchhikers Guide to DNA, 1102
The Empowered Laboratory Team, 1102
Evidence-Based Medicine—How to Practice and Teach EBM, 2014
Immunoassay Automation: An Updated Guide to Systems, 418
Intoxication Test Evidence, 2nd ed., 419
Laboratory Medicine and the Aging Process, 2444
Laboratory Test Handbook with Keyword Index, 4th ed., 1674
Life, the Lab and Everything, 1250
Molecular Diagnosis of Genetic Diseases, 700
Quality Assurance Activities for Stat Laboratories, 1674
Samples from Patients to Laboratories, 1470
Serum Proteins in Clinical Medicine, Vol. 1, Laboratory Section, 550

Boronic acid, office test for glycohemoglobin based on affinity for, 2390
Brain natriuretic peptide, comparison of three immunoassays for (L), 2439
BRCA1 gene
mutations detected by PCR-mediated site-directed mutagenesis, 24
mutation testing, breast cancer (E), 6
Breast cancer
ACS BR and other CA15–3 serum assays of *MUC-1*, 585
BRCA1 mutations detected by PCR-mediated site-directed mutagenesis, 24
BRCA1 mutation testing (E), 6
c-*erb*B-2 quantification by competitive RT-PCR, 2114
Breast carcinoma, intracystic, PSA expression in (CR), 1448
Breast milk
isoflavone of soy formulas and (L), 850
Breath tests, [^{13}C] octanoic acid gastric-emptying, IRIS compared with IRMS, 518
Buprenorphine, subnanogram concentration in human plasma, 2292
Burns, wound treatment with silver sulfadiazine cream, 290
Butyrylcholine esterase, genetic mutations of, 924
CA 15.3
serum assays of *MUC-1* derived glycoprotein and, 585
stability in serum samples (TB), 2430
CA 125
Byk LIA-mat assay, clinical evaluation of, 491
stability in serum samples (TB), 2430
CA 19.9, stability in serum samples (TB), 2430
CAG trinucleotide repeats, nonisotopic method for detection of (L), 1096
Calcitonin, salmon, two-site immunofluorometric assay by DELFIA, 71
Cancer
construction of cDNA bank from biopsy specimens of, 764
ELISA for soluble urokinase receptor, blood, 1868
ELISA for thymosin α_1, human tumors, 59
Capillary electrophoresis
entangled solution, diagnosis of Duchenne/Becker muscular dystrophy, 745
LIF and, methylenetetrahydrofolate reductase gene, C677T mutation determined by, 267
non-gel-sieving, TGF-β type II gene PolyA tract analysis by, colorectal cancer, 759
Capillary gel electrophoresis, analysis of cyanine dye-labeled PCR product by (TB), 1660
Carbonic anhydrase VI, levels in human serum, 2318
Carbon monoxide-oxymetry, of hemoglobin, interference by methylene blue (TB), 1078
Cardiac enzymes, availability and hospital LOS (E), 249
Cardiac surgery, monitoring of hemostasis in, POCT (S), 1684
Carnitines
biological variation in serum (L), 2441
MCAD, octanoylcarnitine and acylcarnitines in newborn blood spots, 2106
Carotenoids
reference values for plasma levels, age, sex and seasonal influences, 146
serum reference values, IDDM, Spain, 1066
Case Reports
sulfhemoglobinemia and emergency measurement of sulfhemoglobin with OSM3 CO-Oximeter, 162
PSA expression in intracystic breast carcinoma, 1448
Catecholamines
immunoassay of metabolites and (L), 2011
pheochromocytoma, interpretation of diagnostic data using REPCAT, 134
cDNA bank, construction of, from cancer biopsy specimens, 764
CE. *see* Capillary electrophoresis
Celiac disease, identification of HLA alleles (TB), 2204
c-*erb*B-2, quantification in breast cancer by competitive RT-PCR, 2114
Cerebrospinal fluid
lactate measurement in, 158
PSA in (L), 855
CHD. *see* Coronary heart disease
Chest pain, CK-MB testing policies on costs and LOS, 326
Chloride electrode, Roche Cobas Integra interference by salicylate (L), 1249
Chloroquine, detection by NMR spectroscopy in urine (L), 698
Cholesterol
detection mutations in familial hypercholesterolemia using SSCP, 427
pitfalls in assaying plasma levels, Smith-Lemli-Opitz syndrome, 129
serum total by LC-IDMS, 1896
total, whole blood test with self-metering, self-timing disposable device with QC, 384
vitamin E in plasma and erythrocytes, asymptomatic hypercholesterolemia, 285
Cholesterol, HDL
homogeneous methods for, 1048
LDL and, NCEP performance and operating specifications, 2164
multicenter evaluation of assay for, 1622
precipitation and direct assays evaluated by HPLC, 1885
precipitation methods for, 663
search for ideal measure of (E), 1809
three generations of assays with ultracentrifugation/dextran sulfate-Mg^{2+} method, 816
Cholesterol, LDL
calculation using ApoB, nonchylomicronemic dyslipemia, 808
comparison of assays for, 1040
Friedewald formula in estimation of (TB), 2183
methods for ApoB and, 390
Chorionic gonadotropin, human
disappearance of subunits and, after term pregnancy, 2155
immunoassay of free subunits, metabolites and (R), 2233
immunoassays for, doping in sports (S), 1293
second-trimester by race and ethnicity, maternal serum, 333
β-subunit, MS characterization of nicked fragments of, 1172
Clinical Chemist, the
199, 420, 552, 702, 862, 1104, 1254, 1472, 1676, 2016, 2211
Clinical laboratory, methodology and subspeciality consolidation (E), 11
Clinical trials, long term, comparability of biochemical data during, 1913
Cloning, debates on, and progress in biotechology (E), 2019
Clot activator, collection vessel, interferes with lithium measurement, 675
Coagulation
effects of HBOC-201 on assays (S), 1744
monitor for, using serum migration through absorbent materials (S), 1716
Sysmex CA-6000 analyzer for, 1783
Cocaine, lowering testing cutoffs, rates of positive results, 100
Codeine, urinary, quantitation of, GCMS, 1029
Collagen, serum levels of PICP, P3NP, and ICTP in schoolchildren, 1577
Collagen type I cross-linked telopeptides
interrelationship with PICP, and P3CP in schoolchildren, 1577
marker of bone resorption, 2058
Colorectal cancer, TGF-β type II gene polyA tract analysis by non-gel-sieving CE, 759
Computer-aided diagnostics, pheochromocytoma, interpretation of diagnostic data using REPCAT, 134
Conference Proceedings
Arnold O. Beckman Conf., 20th, 1473
Clinical Chemistry Forum, 864
Doping in Sport Symposium, 1261
NACB Standard of Laboratory Practice, 202
Oak Ridge Conf., 29th, 1677
San Diego Conf., 1997, poster abstracts, 2213
Control charts, EWMA, computer simulated comparisons, 594
CO Oximeters, data processing in use of overdetermined systems (L), 189
Copper deficiency, anemia of, ferritin and hepatic iron stores in, rats (TB), 1457
Coronary heart disease
ApoB assay in clinical practice (O), 1311
Lp(a) concentrations and risk analysis, 1891
standardization and diagnostic relevance of lipoproteins (O), 1306
Corrections
410, 692, 1471, 2004
Cortisol, urinary
chromatographic prepurification step, before RIA, 786
free
determination by solid-phase microparticle extraction CE, 1801
levels determined by HPLC, 1386
Cortisol/cortisone shuttle, RIA to assess the status of, 1397
Cortisone, RIA for status of cortisol/cortisone shuttle, 1397
Cotinine
nicotine metabolites, interference with RIA assay for (TB), 180
serum, determination, effect of smoking, 2281
C-reactive protein
ELISA for, variability of measurement in healthy subjects, 52
IgM-κ interferes with assays for, myeloma patients (L), 2435
plasma levels in post-surgical patients (TB), 845
routine test using difference plots, 2064
undervalued, underutilized (E), 2017
Creatine kinase
critical difference between serial measurements, myocardial damage detection, 338
ectopic production of (L), 2006
levels in dialysis patients without ischemic heart disease, 976
plasma activity and reversible myocardial ischemic injury, 467
prognostic indicator in heat stroke, 1182
testing policies, costs and LOS, 326
TpI, CK and, early posttraumatic rhabdomyolysis (L), 416
Creatinine
cystatin C, β_2-microglobulin and, markers for GFR (TB), 1077
lipemia interference with rate-blanked method for (TB), 408
O-raffinose cross-linked hemoglobin interference in assays (S), 1738
proficiency testing, assignment of ID GC/MS target values, 1342
Critical care analyses, preparation for the 21st century, meeting report of 16th International Symposium (L), 411

Critical care diagnostics, planar (bio)sensors for, 1804
Critical error calculations, process capability index and (L), 1100
Cross-links, pyridinium, determination of, urine (TB), 2186
Cryoprecipitates, plasma, CryoSeal system for generating, 1782
CSF. *see* Cerebrospinal fluid
Cyanine dye-labeled product, PCR, analysis by CGE and LIF (TB), 1660
Cyclosporine, Neoral and Sandimmune formulations, 104
Cys. *see* Cysteine
Cystatin C
particle-enhanced immunonephelometry, Behring nephelometer, 1016
serum, creatinine, β_2-microglobulin and, markers for GFR (TB), 1077
Cysteine, Hcy, Lp(a) and TAOS, parameters derived from biological variability of, 1958
Cystic fibrosis
genotyping using fluorescence polarization, 1336
mutations detected by time-resolved fluorometry, 1142
PCR-based test for mutations (TB), 1083
Cystic fibrosis transmembrane regulator gene, mutations detected by PROBE and MS, 1151
Cytokeratin 18, RT-CPR assay for, 2244
Decidua, term, immunoassay for ER in, preeclampsia (TB), 405
Decisions, by laboratory computer systems, quality management (S), 908
DELFIA. *see* Dissociation-enhanced fluorescence immunoassay
Department of Health and Human Services, application of proposed waived status requirements of diagnostic testing devices, 1610
Diabetes mellitus
insulin-dependent, serum reference values for retinol, tocopherol, and carotinoids, 1066
pediatric, antibodies to GADA and IA2 in diagnosis of, 2358
revised criteria for diagnosis and classification of (E), 2230
Diagnostic testing devices, DHHS proposed waived status requirements of, 1610
Diagnostic tests, fluid elements and automation of, 369
Dialysis
continuous ambulatory peritoneal, arsenic speciation in, (TB), 406
continuous veno-venous hemofiltration, hypercalcemia in (L), 412
patients without ischemic heart disease, cTnT, cTnI and CK MB levels in, 976
Difference plots
evaluation of CRP routine test using, 2064
graphing for interpretation of analytical data (O), 2039
Differential display, avoidance of false positives (TB), 182
Digitoxin, resolution of discrepant immunoassay results, 1805
Digoxin, multicenter evaluation of Abbott AxSYM Digoxin II assay, 1635
Digoxin-like immunoreactive factors, multicenter study of Abbott AxSYM Digoxin II assay for susceptibility to, 1635
Digoxin-like immunoreactive substance, isolation from human urine, 1416
5α-Dihydrotesterone heptanoate, IM administration, urinary profile following, 2091
Dissociation-enhanced fluorescence immunoassay, G985 mutations causing MCAD, screening using, 436
Dissociation enhancement lanthanide fluoroimmunoassay, salmon calcitonin, two-site immunofluorometric assay by, 71
DNA
internucleosomal fragmentation in apoptotic myocytes (TB), 2431
MS for genetic screening based on (E), 1108
mitochondrial
detection of multiple point mutations in, 1857
mutant, quantitative screening for (TB), 1241
screening for Leber hereditary optic atrophy, 18
L-DOPA, microdialysis-HPLC for monitoring of metabolites and, 740
Dot-blot system, reverse, screening for Leber hereditary optic atrophy, 18
Down syndrome, first trimester screening, PAPP-A/proMBP complex, 2323
Drug metabolism, pharmacogenetics for optimizing therapeutic efficiency (R), 254
Drug monitoring. *see* Therapeutic drug monitoring
Drug screening
analysis of TLC patterns in, 619
automated HPLC system evaluated for toxicology screening, 498
clinical evaluation of Toxi · Prep, 2099
solid-phase extraction procedure and detection by HPLC with photodiode-array, 312
Drugs of abuse
lysergic acid diethylamide, therapeutic drug interference with testing for, 635
marijuana and cocaine, lower test cutoffs, rates of positive results, 100
neonates and intrauterine illicit drug exposure (S), 235
sweat testing for heroin and metabolites, 736
Duchenne/Becker muscular dystrophy, diagnosis of, entangled solution CE, 745
Dyslipemias, nonchylomicronemic, classification of, 808
Eastman Kodak Ektachem slides, early history of (H), 1647
Education in Clinical Chemistry, report of third conference on (SR), 167
Elastase
pancreatic, diagnosis of acute pancreatitis, 2339
polymorphonuclear, amniotic fluid, preterm labor (L), 857
Electrochemical assay, for nitric oxide, hydrogen peroxide interferes with (L), 1246
Electrolytes, status in neonates (S), 205
Electron transport chain defects, lactate as marker for, CSF, 158
Electrophoresis, capillary, hemoglobin A1c, 644
Electrospray mass spectrometry, glycohemoglobin quantification by, 771
ELISA
C-reactive protein, variability of measurement in healthy subjects, 52
kits for metanephrine and normetanephrine, and isotope dilution MS, 114
sandwich, for human urinary isoenzyme B NAG, 569
thymosin α_1, human tumors, 59
EMS. *see* Electrospray mass spectrometry
Endothelin-1
plasma levels after non-smoker nicotine consumption (L), 2440
Endothelin-1, big
clinical implications of sandwich EIA (E), 9
sandwich-type EIA for plasma levels in healthy subjects, 64
Enolase, neuron-specific, serum, pituitary adenoma (TB), 540
Entangled solution capillary electrophoresis, use in diagnosis of Duchenne/Becker muscular dystrophy, 745
Enzyme immunoassays
big ET-1, clinical implications of (E), 9
big ET-1 plasma levels in healthy subjects, 64
colorimetric, estradiol-17β in saliva, 1159
homovanillic acid assay in human urine samples, 363
for 25-hydroxyvitamin D_3 serum levels, 943
ouabain like compound in human plasma, 715
Enzymes, antioxidative activities of, in human erythrocytes, 562
Eosin, interference in fluorescence polarizaiton immunoassay for vancomycin (TB), 1238
Epitestosterone, testosterone ratio to, anabolic steroid administration, urine, 731
Epitopes, characterization by peptide mapping, PSA, 575
Epstein–Barr virus, PCR for, PTLD, 1843
c-*erb*B-2, amplification, PCR-based assay with fluorogenic probes, 752
Erythrocytes
human, antioxidative enzyme activities in, 562
sodium/lithium countertransport across membranes (L), 1090
variation in SOD and GPX (TB), 1991
Erythropoietin, anti-recombinant human antibodies to (TB), 848
ESI-MS/MS. *see* electrospray tandem mass spectometry
Estradiol
assays for progesterone and, evaluation of Bayer Immuno I, 1601
false increase by direct estradiol assays (L), 1250
saliva, colorimetric EIA for, 1159
serum evaluation of Immulite assay, 1165
Estriol, unconjugated, medians for second-trimester by race and ethnicity, screening of maternal serum, 333
Estrogen receptor, immunoassay for, term decidua of preeclampsia (TB), 405
ET-1. *see* Endothelin-1
Ethanol, GC analysis, biological specimens, 1003
Ethnic group, maternal serum, second-trimester AFP, hCG and unconjugated estriol levels by, 333
***N*(*O*,*S*)-Ethoxycarbonyl ethyl ester**, Hcy derivatives of, plasma levels by GC/MS (TB), 2001
Etoposide, metabolite, interferes with urinary vanillylmandelic acid assay (L), 415
Exhaled breath sampling, exposure assessment, halogenated volatile organic compounds, 723
FABP. *see* Fatty acid-binding protein
Factor V, Leiden mutation
and other mutations affecting thrombotic risk (S), 1678
cross-linking hybridization assay for (S), 1703
genotyping of, rapid cycle PCR, 2262
Factor X, assessing oral anticoagulation after antithrombin drugs, 1786
Factor Xa, antibody to, marker for heparin-induced bleeding, 1781
Familial combined hyperlipidemia, vitamin A plasma concentrations in, 2379
Familial hypercholesterolemia, use of SSCP in mutation detection in, 427
Fatty acid-binding protein
human heart-type cytoplasmic, ratio to myoglobin in AMI detection, 1372
plasma levels in chronic renal failure (L), 193
Fatty acids
effect on serum protein binding of furosemide, 2274
monohydroxylated, concentrations of free and esterified, human platelets, 2403
FCHL. *see* Familial combined hyperlipidemia
L Ferritin, evaluation of recombinant preparation as IS, 1582
Ferritin, hepatic iron stores and, anemia of copper deficiency, rats (TB), 1457
Fetal lung maturity, evaluation of, standards of laboratory practice (S), 211
α-Fetoprotein, second-trimester by race and ethnicity, maternal serum, 333
Fiber-optic immunosensor, myoglobin measurement by, 2128
Fibrinogen, detection of Aα16Arg→His mutation (TB), 2184
Fibrinolytic tests, POCT (S), 1697
Filter paper, sample collection and transport of androgens, 1408
Fingerstick test, pediatric lead screening, assessment of, 302
FK506. *see* Tacrolimus
Flow cytotometry, automated analysis of human sperm, 801

multiplexed analysis with FlowMetrix system (S), 1749
Fluids, status in neonates (S), 205
Flunitrazepam, urine screening for, by Emit immunoassay (L), 1245
Fluorescence polarization, genotyping using, cystic fibrosis, 1336
Fluorescence polarization immunoassay, vancomycin, eosin interference in (TB), 1238
Fluorogenic probes, PCR-based assay with, amplification of c-*erb*B-2, 752
Folate
levels decreased by methionine loading (TB), 2192
maternal status and risk of neural tube defects (TB), 185
Friedewald formula, use in estimation of LDL-cholesterol (TB), 2183
Furosemide, serum protein binding of, effect of uremic toxins and fatty acids on, 2274
GAD 65. *see* Glutamic acid decarboxylase 65
GADA, antibodies to IA2 and, in diagnosis of pediatric DM, 2358
Gas chromatography, analysis of ethanol in biological specimens, 1003
Gas chromatography–mass spectrometry
evaluation of immunoassays against (TB), 688
quantitation of urinary morphine, hydrocodone, hydromorphone and, codeine, 1029
Gasoline, leaded, and lead blood levels in children (L), 1251
Gastric tubes, rise and decline in usage (H), 837
Gender, S-100 changes related to, CSF and serum (TB), 541
Genetic screening, DNA based, MS approaches for (E), 1108
Genotyping
ApoE, by capillary electrophesis, 1321
cystic fibrosis, method using fluorescence polarization, 1336
factor V Leiden, rapid cycle PCR, 2262
method for, ApoE polymorphisms (TB), 1657
German Democratic Republic, doping in sports, (S), 1262
GFR. *see* Glomerular filtration rate
Glomerular filtration rate
search for the ideal marker (E), 913
serum creatinine, cystatin C and β_2-microglobulin as markers for (TB), 1077
Glucose
blood levels, QA in physician's offices, 1926
IDMS assay in whole blood, 794
Glucose meter, plasma equivalent values from capillary, venous and arterial blood, 1803
Glucose-6-phosphate dehydrogenase, screening tests for deficiency, neonates (TB), 1236
Glutamic acid decarboxylase 65, two new ^{125}I assays compared with ^{35}S ligand-binding assays, 779
Glutathione peroxidase, variation in whole blood (TB), 1991
Glyceric acid, glycolic acids and, extraction with THF from urine, 1315
Glycohemoglobin, also see Hemoglobin A1c
adaptation of latex-enhanced assay to Dade Dimension analyzer, 76
calibration of ion exchange HPLC measurements of, 2353
doctors' offices test for, 2390
EMS for measurement of (E), 705
quantification by EMS, 771
Glycol, polyethylene, optimization of SSCP analysis with, 30
Glycolic acids, glyceric acid and, extraction with THF from urine, 1315
Glycoproteins, *MUC-1* gene derived, ACS BR serum assay of, breast cancer, 585
Glycosylation, advanced end products, monitoring in human serum, 1563
G-6-PD. *see* Glucose-6-phosphate dehydrogenase
GPX. *see* Glutathione peroxidase
Graphing, difference plots for interpretation of analytical data (O), 2039
Growth hormone, new international reference preparations and assay results, 950
Hair, iron content
possible marker for iron deficiency (L), 1099
Haptoglobin, phenotypes
difference in hemoglobin-binding of polymers among (L), 2012
Harris, Eugene K., obituary, 2445
HBOC. *see* Hemoglobin-based oxygen carriers
Hcy. *see* Homocysteine
Health care, market for, where is the patient (O), 2225
Hearts, with severe left ventricular remodeling, cTnT and cTnI in, 990
Heat stroke, serum enzymes as prognostic indicators, 1182
Helicobacter pylori, method for serum IgG antibodies to, 832
Hematology, effects of HBOC-201 on (S), 1744
Hemoglobin
capillary isoelectrofocusing for determination of variants, 1798
comparison of CIEF and HPLC for variants of, 2137
methylene blue interferes with CO-oximetry (TB), 1078
oxygen carriers based on, effect on clinical laboratory tests (S), 1732
variants, identification by cation-exchange HPLC, 34
Hemoglobin, O-raffinose cross-linked
evaluation of HemogloBind for removal of (P), 1796
interference with Hitatchi 717 assays, 1794
interferes in assays for serum creatinine (S), 1738
Hemoglobin A1c
CE for, 644
comparative evaluation of three assay systems for, 511
EMS for measurement of (E), 705
evaluation of Menarini-Arkray HA 8140 analyzer, 968
inclusion in emergency test panel (L), 1463
incomplete removal of labile fraction with BioRad-variant analyzer (L), 2437
quantification by EMS, 771
reference methods based on peptide mapping, 1944
standardization of measuring methods for (E), 1811
Hemoglobin-based oxygen carrier 2001, effect on chemistry laboratory procedures, 1792
Hemoglobin H, binding of NO to thiols and hemes in, α-thalassemia and hypertension, 1442
Hemoglobins, β chain abnormal, combination with β-thalassemia determinants, 1850
Hemoglobin S, validation of automated HPLC method for (TB), 1667
Hemopure
Ektachem and Hitachi analyzers, 1790
PT and APTT, 1792
Hemostasis
monitoring in cardiac surgical patients (S), 1684
Xylum CSA system for assessing, 1788
Heparin
anti-Xa activity as marker for bleeding induced by, 1781
interferes with sodium and albumin assays (L), 697
therapy, standardization of reagents for APPT (E), 1105
Hepatic failure, hypercalcemia in continuous veno-venous hemofiltration dialysis with (L), 412
Hepatitis, chronic viral, MEGX as measure of liver function in, 1952
Hepatitis B surface antigen
detection in whole blood by Copalis (S), 1764
quality control procedure for ELISA of, 1618
Heroin, and metabolites, sweat testing for, 736
Herpesvirus, PCR for diagnosis of PTLC, 1843
H-FABPc. *see* Fatty acid-binding protein, human heart-type cytoplasmic
HLA alleles, identificaton of, celiac disease (TB), 2204
HLA-B27, phenotyping with flow cytometry, 1975
Homocysteine
Cys, Lp(a) and TAOS, parameters derived from biological variability of, 1958
plasma, short-term and long-term variability of measurements, 141
plasma total, determination using *N(O,S)*-ethoxycarbonyl ethyl ester derivatives and GC/MS (TB), 2001
redox status of related aminothiols and, smokers (TB), 1997
standardization of HPLC assay for (TB), 1653
total plasma levels, pediatric patients (TB), 690
use of TCEP in determination (TB), 687
Homovanillic acid, EIA for, human urine samples, 363
HPLC
automated system, for toxicology screening, 498
cation-exchange, identification of hemoglobin variants by, 34
digoxin turbidimetric immunoassay compared with, multicenter evaluation, 92
with photodiode-array, solid-phase extraction procedure and, drug screening, 312
whole blood SDZ PSC 833 monitoring by, 505
HPPH. *see* 5-(*p*-Hydroxyphenyl)-5-phenylhydantoin
Huntington disease
PCR reagents for detecting $(CAG)_n$ repeats in (L), 1463
sizing of (CAG)n repeats by fluorescent PCR (TB), 2422
Hydrocodone, simultaneous quantitation of urinary codeine, morphine, hydromorphone and, GCMS, 1029
Hydrogen peroxide, interferes with electrochemical assay for nitric oxide (L), 1246
Hydromorphone, simultaneous quantitation of urinary codeine, morphine, hydrocodone and, GCMS, 1029
5-(*p*-Hydroxyphenyl)-5-phenylhydantoin, interference by, in immunoassay for phenytoin, 1468
3-Hydroxyacyl-CoA dehydrogenase, long and short chain, storage temperature and stability, post-mortem liver, 273
21-Hydroxylase, rapid detection of deficiency mutations, 2121
21-Hydroxylase gene, screening for mutations in, 557
25-Hydroxyvitamin D_3, EIA for serum levels, 943
Hyperbilirubinemia, assessing liver function and, in neonates (S), 228
Hypercalcemia, occurrence in continuous veno-venous hemofiltration dialysis (L), 412
Hypercholesterolemia, familial, use of SSCP in mutation detection in, 427
Hyperlipidemia, familial combined, vitamin A plasma concentrations in, 2379
Hyperoxaluria, primary, use of glyceric and *glycolic acids in detection*, 1315
Hypertension, NO binding to HbH thiols and hemes, 1442
Hypertriglyceridemia, genetic variations of Apo AI-CIII-AIV cluster gene, 13
Hypothyroidism, primary, rapid TSH screening test for (L), 1097
IA2, antibodies to GADA and, diagnosis of pediatric DM, 2358
IDMS. *See* Isotope dilution-mass spectrometry
Immunoassays
digitoxin, resolution of discrepant results, 1805
estimating total analytical error of, 608
evaluation of, against GC/MS analysis (TB), 688
hCG, free subunits and metabolites (R), 2233
kinetics and mechanism of, phenytoin, 2384
smallest analyte concentration (L), 856
use of optical tweezers in, (E), 251

Immunoglobulin G antibodies, to serum *H. pylori*, 832
Immunoglobulin A, multiplexed quantification with FlowMetrix system, 1799
Immunoglobulin G, multiplexed quantification with FlowMetrix system, 1799
Immunoglobulin M
complex with AST, Japanese women (TB), 686
multiplexed quantification with FlowMetrix system, 1799
Immunoglobulin M-κ, interferes with CRP and antistreptolysin-O assays, myeloma patients (L), 2435
Immunonephelometry, particle-enhanced, cystatin C measurement by, Behring nephelometer, 1016
Immunosensor, sensitivity of, optical tweezers-based, 379
IMP-DH. *see* Inosine 5′-monophosphate dehydrogenase
Implementation, new tests, laboratorian's perspective (S), 1771
Inborn errors of metabolism, *see also* Mutations blood spot screening for, ESI-MS/MS, 1129
Infectious diseases, application of molecular diagnostics to, (R), 2021
Inosine 5′-monophosphate dehydrogenase, inhibition by mycophenolic acid and MPA glucuronide, lymphocytes and lymphoblasts, 2312
Insulin, secretion, relation of intestinal ALP with, obese patients, 1672 (L)
Insulin-like growth factor binding protein-1, ELISA assay of, 523
Interlaboratory comparisons
creatinine measurement proficiency testing, assignment of ID GC/MS target values, 1342
immunoassays for PSA (TB), 2426
Interleukin 6
detection in amniotic fluid, preterm labor (L), 857
plasma levels in post-surgical patients (TB), 845
serum levels from indwelling venous catheter (TB), 2199
Internucleosomal fragmentation, DNA, in apoptotic myocytes (TB), 2431
Iodine, effect of room temperature on urinary assay of (TB), 1084
Iohexol, measurement by iodine determination with ICP-AES, 1429
Ion-exchange chromatography, carbohydrate-deficient transferrin by, 485
IRIS. *see* Isotope-selective nondispersive infrared spectrometry
IRMS. *see* Isotope ratio-mass spectrometry
Iron
deficiency detection, soluble transferrin receptor IEA for, 1641
hair content
possible marker for iron deficiency (L), 1099
hepatic stores of, and ferritin, anemia of copper deficiency, rats (TB), 1457
Iron-binding capacity, total
automated measurement in serum, 2413
comparison of methods, 2408
Isoenzyme B, NAG, sandwich ELISA for, human urinary, 569
Isoflavone
in soy formulas and breast milk (L), 850
Isotope dilution mass spectrometry, glucose assay in whole blood, 794
Isotope ratio-mass spectrometry, compared with IRIS, [^{13}C] octanoic acid breath tests, 518
Isotope-selective nondispersive infrared spectrometry, compared with IRMS, [^{13}C] octanoic acid breath tests, 518
Kallikrein, human prostate-specific glandular, expression of, 279
Kidneys, troponins T and I before and after transplantation, (L), 411
K-*ras* gene, method for detection of mutations, tumors, 936
Kynurenine, measurement of tryptophan and, by HPLC (TB), 2424
Laboratory information systems, new tools for design and laboratory management (S), 1709
Laboratory management
new tools for design and (S), 1709
Laboratory practice
clinical diagnosis and management (R), 197
1996 NACB standard of (S), 202
D-Lactate, enzymatic determination in biological fluids, 1010
Lactate, measurement in CSF, 158
Lactate dehydrogenase, prognostic indicator in heat stroke, 1182
LAMP-1. *see* Lysosomal-associated membrane protein-1
Laser-induced fluorescence
analysis of cyanine dye-labeled PCR product by (TB), 1660
methylenetetrahydrofolate reductase gene, C677T mutation determined by CE with, 267
Latex-enhanced competitive immunoassay, glycohemoglobin, adaptation to Dade Dimension analyzer, 76
Lead
blood levels in children (L), 1251
blood levels using disposable electrodes (TB), 2187
blood screening for (L), 1246
capillary blood lead fingerstick test for, pediatric screening, 302
workers exposed to, plasma 5-aminolevulinic acid levels and indicators of oxidative stress, 1196
Leber hereditary optic atrophy, reverse dot-blot system for mutational screening, 18
Legal aspects, analytical tests and, doping in sports (E), 1110
Leiden mutation, factor V
affecting thrombotic risk (S), 1678
cross-linking hybridization assay for (S), 1703
genotyping of, rapid cycle PCR, 2262
Length of stay
effect of POCT on (L), 859
hospital, cardiac enzyme availability and, (E), 249
impact of CK-MB testing policies on, 326
Leucine dehydrogenase, urea assay using, serum and urine, 1932
LH. *see* Luteinizing hormone
LIF. *see* Laser-induced fluorescence
Ligase chain reaction assay, detection of sickle cell mutations, 40
Lipase, serum levels, suspected pancreatic adenocarcinoma (L), 191
Lipemia
interference with rate-blanked creatinine method (TB), 408
Lipids
peroxidation measured by MDA-TBA adduct formation (TB), 1655
status of standardization (O), 1306
Lipoprotein(a)
concentrations, APR and CHD risk analysis, 1891
Hcy, Cys and TAOS, parameters derived from biological variability of, 1958
Lipoproteins
comparison of methods for ApoB and cholesterol in LDL, 390
LDL oxidation studied by chemical in vitro models, 1436
LDL particle size determined by HPGC, 1904
standardization and diagnostic relevance, CAD (O), 1306
Lithium, clot activator in collection vessel interferes with measurement, 675
Lithium/sodium countertransport, across erythrocyte membranes, measurement of (L), 1090
Liver
assessing function, and hyperbilirubinemia in neonates (S), 228
MEGX as measure of function in chronic viral hepatitis, 1952
LSD. *See* Lysergic acid diethylamide
Lung, detection of PSA in pleural effusions (TB), 847
Luteinizing hormone
misleading results with Opus Magnum assay (L), 2008
urine, testosterone ratio to, anabolic steroid administration, 731
Lymphoblasts, IMP-DH inhibition by MPA and MPA glucuronide, 2312
Lymphocytes, IMP-DH inhibition by MPA and MPA glucuronide, 2312
Lymphomas, B- and T- cell, molecular diagnosis of (R), 1814
Lymphoproliferative disorder, posttransplant, PCR for measurement of EBV and HSV, 1843
Lysergic acid diethylamide, therapeutic drug interference with testing for, 635
Lysosomal-associated membrane protein-1, diagnostic marker for lysosomal storage disorders, 1325
Lysosomal storage disorders, LAMP-1 as diagnostic marker for, 1325
Magnesium, serum, ionized, levels in chronic alcoholism, 394
Magnesium ion-selective electrode, Nova
thiocyanate interference with, smokers' serum (L), 1672
thyocyanate interference with, smokers' serum, 1595
Malondialdehyde
plasma, oxidative stress marker, reference interval, 1209
quantification with HPCE (TB), 1982
Malondialdehyde-thiobarbituric acid adduct, spectrophotometric assay for (TB), 1655
D-Mannose, serum, enzymatic assay for, 533
Marijuana, lower test cutoffs, study on rates of positive results, 100
Markers, diagnostic, LAMP-1 for lysosomal storage disorders, 1325
Mass spectrometry
DNA based genetic screening and (E), 1108
electrospray tandem, screening blood spots for inborn errors of metabolism, 1129
/iCFTR/I gene mutations detected by PROBE and, 1151
isotope dilution, ELISA kits for metanephrine and normetanephrine compared with, 114
selected-ion-storage-trap, detection of urinary anabolic agents by, TDM, 1033
trade-offs in (E), 915
Measurement uncertainty, triad with analytical sensitivity and quantitative resolution (O), 1831
MECC. *see* Micellar electrokinetic capillary chromatography
Medium-chain acyl-CoA dehydrogenase deficiency
octanoylcarnitine and acylcarnitines in newborn blood spots, 2106
screening for G985 mutation causing, DELFIA system, 436
MEGX. *see* Monoethylglycinexylidide
Membrane-mimetic materials, silver ion passage through, burn wound treatment, 290
Menstrual cycle, PSA serum levels during, 1862
Mercury, nonoccupational source of intoxication (L), 1248
Metallothionein-1, plasma levels in post-surgical patients (TB), 845
Metanephrine, ELISA kits for, comparison with isotope dilution MS, 114
Methemoglobin, discrimination between sulfhemoglobin and (L), 1098
Methionine, loading, folate levels decreased by (TB), 2192
Method comparisons
acetylcholine receptor modified antibody assay and conventional assay, 824
assay systems for hemoglobin A1c, 511
assays for LDL cholesterol, 1040
BNP, three immunoassays for (L), 2439

bone ALP isoform, immunoassays for, 2052
CIEF and HPLC for hemoglobin variants, 2137
comparison of TIBC methods, 2408
comparison of 3 bone resorption assays, 1570
digoxin turbidimetric immunoassay, other immunoassays and HPLC, multicenter evaluation, 92
ELISA kits for metanephrine and normetanephrine with isotope dilution MS, 114
familial defective apolipoprotein B100, molecular scanning methods, 1630
hCG, immunoassay of free subunits, metabolites and (R), 2233
HDL cholesterol, homogeneous methods for, 1048
HDL cholesterol assays with ultracentrifugation/dextran sulfate-Mg^{2+} method, 816
immunoassays against GC/MS analysis (TB), 688
new ^{125}I assays and ^{35}S ligand-binding assays for GAD 65, 779
osteocalcin (TB), 1240
osteocalcin, specificity of immunoassays (TB), 1663
pancreatic elastase, diagnosis of acute pancreatitis, 2339
POCT, oral anticoagulation therapy, 1785
PSA measured by F-PSA and T-PSA assays, 1588
PSA, five methods for, (TB), 843
TGF-β1 immunoassays, 1965

Methylene blue, interferes with CO-oximetry of hemoglobin (TB), 1078
Methylenetetrahydrofolate reductase gene, C677T mutation determined by CE and CE-LIF, 267
Micellar electrokinetic capillary chromatography, naproxen, naproxen-protein conjugates, and naproxen-lysine, 2083
Microalbumin, effect of freeze/thaw cycles (L), 1093
Microalbuminuria, Albumin Blue 580 fluorescence assay, 996
β_2-Microglobulin, serum, creatinine, cystatin C and, markers for GFR (TB), 1077
Microparticles, bioaffinity assays using, 1937
Microvascular bleeding, treatment algorithm for, cardiac surgical patients (S), 1684
Milk, breast
isoflavone of soy formulas and (L), 850, 851
presence of phytoestrogens in (L), 548
Mitochondria
detection of multiple point mutations in DNA, 1857
quantitative screening for mutant DNA (TB), 1241
Mitomycin C, plasma levels determined by HPLC and solid-phase extraction, 615
Molecular diagnostics, application to infectious diseases (R), 2021
Monoethylglycinexylidide
HPLC determination (TB), 1081
measure of liver function in chronic viral hepatitis, 1952
Morphine, simultaneous quantitation of urinary codeine, hydrocodone, hydromorphone and, GCMS, 1029
MPA. *see* Mycophenolic acid
MS. *see* Mass spectrometry
MT-1. *see* Metallothionein-1
Multicenter studies
Abbott AxSYM Digoxin II assay for susceptibility to DLIFs, 1635
digoxin turbidimetric immunoassay, immunoassays and HPLC, 92
evaluation of assay for HDL-cholesterol, 1622
second-generation assay for cTnT, 1877
Muscular dystrophy, Duchenne/Becker, entangled solution CE in diagnosis, 745
Mutational analysis, optimization of PCR-SSCP analysis (TB), 2190
Mutations
detected by time-resolved fluorometry, CF, 1142
G985 causing MCAD, screening using DELFIA system, 436
multiple point, mitochondrial DNA, 1857
p53, SSCP analysis for, 2251
point, detection methods for (R), 1114
rapid screening for, in *RET*, inherited medullary thyroid carcinoma, 453
RET, detection with Phast system (E), 424
Mycophenolic acid, IMP-DH inhibition by, lymphocytes and lymphoblasts, 2312
Mycophenolic acid glucuronide, IMP-DH inhibition by, lymphocytes and lymphoblasts, 2312
Myeloma patients, IgM-κ interferes with CRP and antistreptolysin-O assays (L), 2435
Myocardial infarction, acute
early assessment by biochemical monitoring and neural network analysis, 1919
myoglobin and H-FABPc ratio in early detection, 1372
serum PSA levels in (L), 1670
troponin I released as complex during, 1379
Myocardial injury
critical difference between serial CK-MB measurements, 338
detection of, cTnT and cTnI (E), 421
ischemic, detection with cTnI, 2047
newborn, serum cTnT levels, marker for (TB), 1455
rapid immunoassay for cTnI in (L), 1464
reversible ischemic, plasma CK activity and, 467
Myocytes, DNA internucleosomal fragmentation in apoptotic myocytes (TB), 2431
Myoglobin
biological variation in serum (L), 2435
measurement by fiber-optic immunosensor, 2128
ratio to H-FABPc in early detection of AMI, 1372
stability of control material for urine measurement of (TB), 2202
NAG. *see* *N*-Acetyl-β-D-glucosaminidase
Naproxen, MECC differentiates between naproxen-protein conjugates, and naproxen-lysine, 2083
National Cholesterol Education Program, performance and operating specifications, 2164
National Health and Nutrition Examination Survey III, apoAI and apoB distributions, 2364
NCEP. *see* National Cholesterol Education Program
Neonates
drug testing for intrauterine illicit drug exposure (S), 235
evaluation of blood gas status (S), 215
fluid and electrolyte status in (S), 205
G-6-PD deficiency, screening (TB), 1236
high risk, prediction of outcomes from laboratory data, 243
liver function and hyperbilirubinemia (S), 228
TDM principles in (S), 222
Nephrotic syndrome, plasma protein abnormalities in, 1223
Neural network analysis, early AMI assessment by, 1919
Neural tube defects, maternal folate status and risk of (TB), 185
Neuron-specific enolase, levels in serum, pituitary adenoma (TB), 540
Nicotine
consumption by non-smoker, endothelin-1 plasma levels (L), 2440
metabolites interfere with RIA assay for cotinine (TB), 180
Nitrates
conversion to NO, effects of reducing agents and temperature, 657
sources of contamination in assays for (TB), 2418
Nitric oxide
binding to HbH thiols and hemes, α-thalassemia and hypertension, 1442
chemiluminescent detection of, reducing agents and temperature, 657
determinations, in clinical practice (E), 553
hydrogen peroxide interferes with electrochemical assay for (L), 1246
nitrite and nitrate conversion to, reducing agents and temperature, 657
Nitrites
conversion to NO, reducing agents and temperature, 657
sources of contamination in assays for (TB), 2418
Nitrous oxide, in exhaled air by GC and infrared photoacoustic spectrometry (TB), 1993
Normetanephrine, ELISA kits for, comparison with isotope dilution MS, 114
NSE. *see* Neuron-specific enolase
N-Telopeptides, NTx. *see* Collagen type 1 cross-linked N-telopeptides
Nuclear antigens, dot-blot method for detection of antibodies against (TB), 2420
Nucleic acids
analysis, principles and applications (R), 197
quantification of, Hartman Interferometer optical sensor (S), 1757
Nucleic acid technology, poster abstracts of San Diego Conference on, 2213
Obesity, relation of intestinal ALP with insulin secretion, 1672 (L)
Obituaries
Joseph Benotti, 703
Lou Berger, 1104
Eugene K. Harris, 2445
Lester Wells, 1104
[^{13}C]Octanoic acid, gastric-emptying breath tests, application of IRIS for evaluation compared with IRMS, 518
Octanoylcarnitine, newborn blood spots, MCAD screening, 2106
Optical sensors, Hartman Interferometer, quantification of nucleic acids, proteins, and pathogens (S), 1757
Optical tweezers
sensitivity of immunosensor based on, 379
use in immunoassays, (E), 251
Optic atrophy, Leber hereditary, screening for, 18
Organic acids
urine, profiling by capillary GC (TB), 1999
urine and CSF, GC-MS after cation exchange chromatography, 2256
Osteocalcin
comparison of multiple assays (TB), 1240
serum levels in healthy children (TB), 543
specificity of immunoassays for (TB), 1663
Ouabain-like compound, EIA identification of, in human plasma, 715
Outcomes analysis, CK-MB testing policies, effect on costs and LOS, 326
Ovarian cancer, *BRCA1* mutations detected by PCR-mediated site-directed mutagenesis, 24
Oxaprozin, interference in phenytoin immunoassay, 1468
Oxidative stress
plasma 5-ALA levels correlated with, lead-exposed workers, 1196
plasma malondialdehyde as marker, reference interval, 1209
Oxygen carriers
hemoglobin- and Perflubron-based, on clinical laboratory tests (S), 1732
hemoglobin-based HBOC-201, and routine clinical assays (S), 1744
p53, SSCP analysis for mutations, 2251
Pancreatic adenocarcinoma, suspected, serum lipase levels (L), 191
Pancreatitis, acute, diagnosis of, elastase, 2339
PAPP-A. *see* Pregnancy-associated plasma protein A
Parathyroid hormone-related protein, mRNA quantification, 2268
Parkinson disease, microdialysis-HPLC for monitoring of L-DOPA and metabolites,

740
Partial thromboplastin time
activated, standardization of reagents for (E), 1105
synthetic reagent for, 1215
Pathogens, quantification by Hartman Interferometer optical sensor (S), 1757
PDW. *see* Platelet distribution width
Pepsinogen C, application of immunofluorometric assay, 1365
Peptide mapping, reference methods for hemoglobin A1c based on, 1944
Perflubron, oxygen carriers based on, effect on clinical laboratory tests (S), 1732
Performance measures, QC planning process and, 602
Pharmacogenetics, optimization of therapeutic efficiency (R), 254
Pharmacokinetics, effect of methodology on, cyclosporine formulations, 104
Phenotyping, HLA-B27, with flow cytometry, 1975
Phenylalanine, ROC plots, Guthrie, Wallac, and Isolab kit, newborn screening, 1838
Phenylketonuria, newborn screening, ROTC plots, kit performances, 1838
Phenytoin
immunoassay interference by oxaprozin and HPPH, 1468
kinetics and mechanism of immunoassay for, 2384
Pheochromocytoma, interpretation of diagnostic data using REPCAT, 134
Phytoestrogens
isoflavone
soy formulas and breast milk (L), 850
presence in breast milk (L), 548
Pituitary, adenoma of, levels of NSE in serum (TB), 540
Plasma, CryoSeal system for generating cryoprecipitates from, 1782
Platelet distribution width, differential diagnosis of thrombocytosis with, 1072
Platelets, human, monohydroxylated fatty acid concentrations in, 2403
Point-of-care testing
blood loss and transfusion outcomes, cardiac surgical patients (S), 1684
effect on LOS (L), 859
fibrinolytic tests (S), 1697
monitoring oral anticoagulation therapy, 1785
serial blood processing at, 360
PolyA tract, TGF-β type II gene, analysis by non-gel-sieving CE, colorectal cancer, 759
Preeclampsia, immunoassay for total estrogen receptor in term decidua (TB), 405
Pregnancy, term, disappearance of hCG and subunits after, 2155
Pregnancy-associated plasma protein A, complex with proMBP, immunofluorometric assays for, 2323
Primer oligo base extension, *CFTR* gene mutations detected by, MS and, 1151
PROBE. *see* Primer oligo base extension
Process capability index, equivalence of critical error calculations and (L), 1100
Procollagen type I C-terminal propeptide, P3NP, ICTP, and, in schoolchildren, 1577
Procollagen type 3 N-terminal propeptide, PICP, ICTP, and, in schoolchildren, 1577
Proeosinophil major basic protein, PAPP-A complex with, immunofluorometric assays for, 2323
Proficiency testing, creatinine measurement, assignment of ID GC/MS target values, 1342
Progesterone, assays for estradiol and, evaluation of Bayer Immuno I, 1601
proMBP. *see* Proeosinophil major basic protein
Prostate, human glandular kallikrein specific to, 279
Prostate-specific antigen
α_1-antichymotrypsin complex, detection by 2-D PAGE in serum, 352
ascitic fluid (TB), 1461
assay with bispecific immunoprobe, 649
combinations of F-PSA and T-PSA assays, 1588
CSF (L), 855
electrochemical EIA for serum levels (TB), 1459
epitope characterization by peptide mapping, 575
five methods for (TB), 843
free, Tandem-R immunoassay, 1203
interlaboratory survey of immunoassays for (TB), 2426
intracystic breast carcinoma (CR), 1448
levels in men involved in ultra endurance sport performances (L), 1465
pleural effusions (TB), 847
RT-PCR protocol for mRNA, blood and bone marrow, 443
serum levels during menstrual cycle, 1862
serum levels in AMI (L), 1670
ultrasensitive assays of (L), 2010
usefulness of free to total ratio (E), 1561
Prostatitis, acute bacterial, effect on prostate epithelial cells (L), 2007
Protein, BCA assay for, interference by anthracycline derivatives (TB), 2201
Protein C, ProC Global screening assay for complete pathway (S), 1719
Proteins, quantification of, Hartman Interferometer optical sensor (S), 1757
Prothrombin time
effect of Hemopure on, 1792
mean normal, fresh plasma and lyophilyzed control, 2169
variation of INR for, and monitoring of OAT, 2175
Prothymosin α, levels in human tumors, 59
PT. *see* Prothrombin time
PTHrP. *see* Parathyroid hormone-related protein
PTLD. *see* Lymphoproliferative disorder, posttransplant
Pyridinium, cross-links determination, urine (TB), 2186
Quality assessment, detection methods for point mutations (R), 1114
Quality control
assessment of unacceptable results, 1352
automated selection of statistical QC procedures (TB), 400
computer simulated comparisons of EWMA control charts, 594
creatinine measurement proficiency testing, assignment of ID GC/MS target values, 1342
critical error calculations and process capability index (L), 1100
effect of analytical run length on performance and planning, 2149
the errors of our ways (E), 1305
estimating total analytical error of immunoassays, 608
glucose blood levels, QA in physician's offices, 1926
long term clinical trials, comparability of biochemical data during, 1913
mean normal PT, fresh plasma PT and lyophilyzed control PT, 2169
new tools for design and laboratory management (S), 1709
performance measures and QC planning process, 602
procedure for EIISA of HBsAg, 1618
stat laboratory, types and frequency of mistakes in, 1348
Quality-control systems
definition by design and inspection (S), 873
a laboratorian's perspective (S), 886
for unit-use testing devices (S), 893
Quality management
by design, manufacturer's perspective (S), 866
by design or by checking (S), 864
mistakes and how to find them (S), 897
monitoring and minimizing variation and mistakes (S), 880
the next six months (S), 903
use of decision-making laboratory computer systems (S), 908
Quantitative resolution, triad with analytical sensitivity and measurement uncertainty (O), 1831
Race, maternal serum, second-trimester AFP, hCG and unconjugated estriol levels by, 333
Radioactivity, undisclosed amount in specimens (L), 1097
Reference intervals, plasma malondialdehyde as oxidative stress marker, 1209
Reference values
age, sex and seasonal influences, for plasma levels of vitamin E, vitamin A and carotenoids, 146
retinol, tocopherol, and carotinoids in serum, IDDM, Spain, 1066
Renal failure
chronic, plasma FABP levels in (L), 193
strontium levels in tissue by Zeeman atomic absorption spectrometry, 121
Renin
activity, optimum temperature for plasma (TB), 1243
comments on editorial (L), 694
Resource utilization, clinical laboratory methodology and subspeciality consolidation (E), 11
Retinol, serum reference values, IDDM, Spain, 1066
***RET* mutations**
detected with Phast system (E), 424
rapid screening, inherited medullary thyroid carcinoma, 453
Rhabdomyolysis, early posttraumatic, TpI, CK and, CK-MB in, (L), 416
Rheumatoid factor, interferes with immunoassays of thyroxine, 957
Ribonucleic acid, messenger
for PSA, RT-PCR detection, blood and bone marrow, 443
quantification of, PTHrP, 2268
Risk analysis, APR and CHD, and Lp(a) concentrations, 1891
S-100, age- and sex- related changes in CSF and serum (TB), 541
Salicylate
interference with Roche Cobas Integra chloride electrode (L), 1249
Sampling, strategy for estimating area-under-the-concentration curve, Sirolimus (TB), 539
Screening
drugs, analysis of TLC patterns in, 619
familial defective gene, ApoB-100, 916
flunitrazepam, urine, by Emit immunoassay (L), 1245
for G985 mutation causing MCAD deficiency, DELFIA system, 436
G-6-PD deficiency, neonates (TB), 1236
inborn errors of metabolism, blood spots by ESI-MS/MS, 1129
lead in blood (L), 1246
Leber hereditary optic atrophy, mitochondrial DNA, 18
marijuana and cocaine, lower test cutoffs, 100
maternal serum, second-trimester AFP, hCG and unconjugated estriol levels, by race and ethnicity, 333
mouse atherosclerosis, automated measurement of ApoB, 669
mutations, optimization of PCR-SSCP analysis (TB), 2190
mutations in 21-hydroxylase gene, 557
newborn, phenylketonuria, ROC plots, kit performances for, 1838
pediatric, fingerstick test for lead levels, 302
protein C, ProC Global assay for complete pathway (S), 1719
quantitative, for mutant mitochondrial DNA (TB), 1241
rapid
for mutations in *RET*, inherited medullary thyroid carcinoma, 453
for Z and S mutations in α_1-antitrypsin (TB), 403

TSH, rapid test for primary hypothyroidism (L), 1097
SDZ PSC 833, whole-blood monitoring by HPLC, 505
Selenium, serum levels in institutionalized elderly subjects (L), 693
Sensitivity
definitions of, analytical method performance (O), 1824
triad with measurement uncertainty and quantitative resolution (O), 1831
Serum migration, through absorbent materials, monitor for coagulation (S), 1716
Sialoprotein, bone
purification and RIA for, 2076
serum levels, malignant bone diseases, 85
Sickle cell disease, detection of mutations, ligase chain reaction assay, 40
Silver ions, passage through membrane-mimetic materials, 290
Silver sulfadiazine cream, burn wound treatment with, 290
Single-strand conformation polymorphism
analysis in mutation detection in hypercholesterolemia, 427
optimization of analysis with polyethylene glycol, 30
Sirolimus, limited sampling strategy for estimating area-under-the-concentration curve (TB), 539
Skeletal muscle
cardiac TnT expression in, 976
human, expression of cardiac troponin T in normal and regenerating, 476
Smith-Lemli-Opitz syndrome, pitfalls in assaying plasma cholesterol levels, 129
Smoking
redox status of homocysteine and related aminothiols (TB), 1997
serum cotinine and, method for determination of, 2281
Sodium, heparin interferes with assay for (L), 697
Sodium/lithium countertransport, across erythrocyte membranes, measurement of (L), 1090
Sodium/potassium-ATPase, activity measured with automated analyzer (TB), 1986
Software review
Acid Base Disorders-Computer-Aided Learning Software on CD-ROM, 2015
Molecular Biology 3.0, 701
QC Validator, version 2.0, 1103
Soy, formulas and breast milk
isoflavone in (L), 850
Space flight, portable clinical blood analyzer during, 1056
Sperm, human, automation of analysis by flow cytometry, 801
Sports
doping in
analytical tests and legal aspects (E), 1110
detection of performance enhancing compounds (S), 1299
endocrine aspects of anabolic steroids (S), 1289
immunoassays for hCG (S), 1293
program of GDR government (S), 1262
ultra endurance, PSA levels in men (L), 1465
xenobiotic anabolic steroid abuse detected by urinalysis (S), 1280
SSCP. *see* Single-strand conformation polymorphism
Standardization
HPLC assay for homocysteine (TB), 1653
long term clinical trials, comparability of data, 1913
measuring hemoglobin A1c (E), 1811
of reagents for APTT, heparin therapy (E), 1105
recombinant L ferritin as IS, 1582
status of, lipids and lipoproteins (O), 1306
Stat laboratory, type and frequency of mistakes in, 1348
Steroids, anabolic, testosterone to epitestosterone and testosterone to LH ratios, urine, 731
Streptococcus pneumoniae, PCR assay for detection of, 930
Strontium, in tissues by Zeeman atomic absorption spectrometry, 121
Sulfhemoglobin, discrimination between methemoglobin and (L), 1098
Sulfhemoglobinemia, emergency measurement of sulfhemoglobin with OSM3 CO oximeter (CR), 162
Superoxide dismutase, variation in erythrocytes (TB), 1991
Surgery, plasma levels of MT-1, IL-6, and CRP in post-surgical patients (TB), 845
Sweat testing, heroin and metabolites, 736
Tacrolimus
IMx Tacrolimus II and IMx Tacrolimus microparticle EIA (TB), 1989
TDM by TMS (TB), 2189
TAOS. *see* Total antioxidant status
T cells, lymphomas, molecular diagnosis of (R), 1814
TCEP. *see* Tris(2-carboxyl-ethyl)phosphine
Telomerase, biological and clinical importance of (R), 708
Telomeres, biological and clinical importance of telomerase (R), 708
Testosterone
7α-biotinylated, tracers for CIA in serum, 2345
Ciba Corning ACS:180 total assay
use on female sera (L), 1466
urine, ratio to epitestosterone, anabolic steroid administration, 731
Tetrahydrofuran, glyceric acid and glycolic acid extraction, urine, 1315
α-Thalassemia, NO binding to HbH thiols and hemes, 1442
β-Thalassemia, determinants, combination of β chain abnormal hemoglobins with, 1850
Thalidomide
handling of blood samples (L), 1094
Therapeutic drug monitoring
ADP, in plasma by GC-NPD (TB), 2209
buprenorphine, subnanogram concentration in human plasma, 2292
effects of HBOC-201 on (S), 1744
Neoral and Sandimmune formulations, cyclosporine, 104
pharmacogenetics for optimizing therapeutic efficiency (R), 254
principles, in neonates (S), 222
sensitivity of EIA for benzodiazepines, urine (TB), 1659
simultaneous quantitation of urinary codeine, morphine, hydrocodone, and hydromorphone, GCMS, 1029
tacrolimus, by TMS (TB), 2189
urinary anabolic agents, selected-ion-storage-trap mass spectrometry, 1033
whole blood SDZ PSC 833 monitoring by HPLC, 505
THF. *see* Tetrahydrofuran
Thin-layer chromatography, analysis of patterns in, drug screening, 619
Thiocyanate
interferes with Nova magnesium ion-selective electrode, smokers' serum, 1595
interferes with Nova magnesium ion-selective electrode, smokers' serum (L), 1672
salivary, marker of cigarette smoking (TB), 184
Thixotropic gel separator, stability of tumor markers in serum collected in (TB), 2430
Thrombocytosis, differential diagnosis with PDW, 1072
Thrombotic risk, Leiden and other factor V mutations affecting (S), 1678
Thymosin α_1, ELISA for, human tumors, 59
Thyroglobulin
sensitivity of IRMA Pasteur immunoassay for (L), 413
Thyroid
age related concentration of free triiodothyronine, euthyroid children, 963
inherited medullary carcinoma, rapid screening for mutations in *RET*, 453
Thyroid peroxidase, effect of TPO antibodies on activity of, 1392
Thyroid-stimulating hormone, rapid screening test for primary hypothyroidism (L), 1097
Thyrotropin
evaluation of Elecsys assay system (TB), 545
serum, immunoelectrochemiluminometric assay for (TB), 2428
T_4, age and, euthyroid patients, 2143
Thyroxine
adhesive labels cause high results (L), 548
rheumatoid factor interferes with immunoassays of, 957
TSH, age and, euthyroid patients, 2143
Time-resolved fluorometry
bioaffinity assays using, 1937
CF mutations detected by, 1142
Tocopherol, serum reference values, IDDM, Spain, 1066
Total antioxidant status, Hcy, Lp(a), Cys and, biological variability of, 1958
Toxicology, drugs, solid-phase extraction and detection by HPLC with photodiode-array, 312
Toxi · Prep, clinical evaluation of, 2099
Trace elements, interferences in multielement analysis by ICP-MS, 2303
Transferrin
carbohydrate-deficient
evaluation in diagnosis of alcohol abuse, 983
quantification by ion-exchange chromatography, 485
serum level in patients with combined pancreas and kidney transplants, 344
measurement serum TIBC, comparison methods, 2408
Transferrin receptor, soluble, IEA for iron deficiency detection, anemic patients, 1641
Transforming growth factor-β1, immunoassay for, 1965
Transforming growth factor β type II gene, analysis of polyA tract by non-gel-sieving CE, colorectal cancer, 759
Transfusion, outcomes, impact of POCT on blood loss and, cardiac surgical patients (S), 1684
Transplantation
combined pancreas and kidney, serum concentration of carbohydrate deficient transferrin in, 344
PTLD, PCR for measurement of EBV and HSV, 1843
renal
model for biological variation in non-healthy situations (TB), 2206
troponins T and I before and after, (L), 411
tacrolimus assays in (TB), 1989
Transport, samples, of androgens, using filter paper, 1408
Triglycerides, NCEP performance specifications with operating specifications, 2164
Triiodothyronine, free, age related concentration of, euthyroid children, 963
Tris(2-carboxyl-ethyl)phosphine, determination of homocysteine (TB), 687
Troponin I, cardiac
before and after renal transplantation (L), 411
automated immunoassay for (L), 195
CK, CK-MB and, early posttraumatic rhabdomyolysis (L), 416
cTnT and, hearts with severe left ventricular remodeling, 990
detection of myocardial injury (E), 421
dialysis patients without ischemic heart disease, 976
ischemic myocardial injury with, 2047
prevention of false-positive increases on Stratus II Analyzer(L), 860
rapid immunoassay for, myocardial injury (L), 1464
released as complex during AMI, 1379
Sanofi Access procedure for (TB), 1088
species dependent reactivity in immunoassay for, 2333
Troponin T, cardiac
before and after renal transplantation (L), 411
cTnI and, hearts with severe left ventricular remodeling, 990

detection of myocardial injury (E), 421
ELISA specific for cardiac isoform, analytical and clinical validation, 458
expression in normal and regenerating human skeletal muscle, 476
expression in skeletal muscle, 976
levels in dialysis patients without ischemic heart disease, 976
multicenter evaluation of second-generation assay for, 1877
serum levels, marker for newborn myocardial injury (TB), 1455
Tryptophan, measurement of kynurenine and, by HPLC (TB), 2424
Tumor markers, CA 19.9, CA 125 and CA 15.3, stability in serum samples (TB), 2430
Turbidimetric immunoassay, digoxin, other immunoassays, HPLC and, multicenter evaluation, 92
Turbidimetric inhibition assay, particle-enhanced, urine albumin, Dade *aca* analyzer, 109
Ubiquitin, serum levels of free and multiubiquitin chains, 1188
Ultracentrifugation/dextran sulfate-Mg^{2+} method, HDL cholesterol, comparison of assays with, 816
Urea, serum and urine, assay using urease and leucine dehydrogenase, 1932
Urease, urea assay using, serum and urine, 1932
Uremia, uremic toxins and serum protein binding of furosemide, 2274
Urodilatin, RIA for, human urine, 638
Urokinase receptor, soluble, ELISA for, cancer patients and controls, 1868
Vancomycin, eosin interference in fluorescence polarization immunoassay (TB), 1238
Vanillylmandelic acid, urinary, interference from etoposide metabolite (L), 415
Variability
C-reactive protein, measurement in healthy subjects, ELISA, 52
short-term and long-term, plasma homocysteine measurements, 141
Variation
biological, in non-healthy situations, renal transplantation model (TB), 2206
monitoring and minimizing mistakes and, quality management (S), 880
Vitamin A
plasma concentrations in FCHL, 2379
reference values for plasma levels, age, sex and seasonal influences, 146
Vitamin E
levels in plasma and erythrocytes, asymptomatic hypercholesterolemic subjects, 285
reference values for plasma levels, age, sex and seasonal influences, 146
Vitamine-vitamin, early years of discovery (H), 680
Volatile organic compounds, halogenated, exhaled breath sampling for exposure assessment, 723
Waived tests, DHHS proposed waived status requirements of diagnostic testing devices, 1610
William Pepper Laboratory, evolution of (H), 174
Wound treatment, burns, with silver sulfadiazine cream, 290
Xylosyl transferase, serum activity determination, 45
Zeeman atomic absorption spectrometry, strontium levels in tissues by, renal failure, 121